

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 709

DATE: AUGUST 1, 2019

PROJECT MP0374

**The following classification changes will be effected by this Notice of Changes:**

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>SCHEME:</b>		
Titles Changed:	C08L	Subclass
Titles Changed	C08L	91/00, 93/00, 97/00
Notes New:	C08L	1/00, 3/00, 5/00, 7/00, 9/00, 11/00, 13/00, 15/00, 17/00, 19/00, 21/00, 23/00, 25/00, 27/00, 29/00, 31/00, 33/00, 35/00, 37/00, 39/00, 41/00, 43/00, 45/00, 47/00, 49/00, 51/00, 53/00, 55/00, 57/00, 59/00, 61/00, 63/00, 65/00, 67/00, 69/00, 71/00, 73/00, 75/00, 77/00, 79/00, 81/00, 83/06, 85/00, 87/00, 89/00, 91/00, 93/00, 95/00, 97/00, 99/00, 101/00
Notes Modified:	C08L	Subclass
	C08L	83/00
	C08L	2666/00
<b>DEFINITIONS:</b>		
Definitions New:	C08L	47/00
Definitions Modified	C08L	Subclass
Definitions Modified:		1/00, 3/00, 5/00, 7/00, 9/00, 11/00, 13/00, 15/00, 17/00, 19/00, 21/00, 23/00, 25/00, 27/00, 29/00, 31/00, 33/00, 35/00, 37/00, 39/00, 41/00, 43/00, 45/00, 49/00, 51/00, 53/00, 55/00, 57/00, 59/00, 61/00, 63/00, 65/00, 67/00, 69/00, 71/00, 73/00, 75/00, 77/00, 79/00, 81/00, 83/00, 83/06, 85/00, 87/00, 89/00, 91/00, 93/00, 95/00, 97/00, 99/00, 101/00

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**This Notice of Changes includes the following [Check the ones included]:**

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

3.  REVISION CONCORDANCE LIST (RCL)

4.  CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

5.  CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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## 1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

**SUBCLASS C08L - COMPOSITIONS OF MACROMOLECULAR COMPOUNDS (pesticides, herbicides A01N; pharmaceuticals, cosmetics A61K; explosives C06B; compositions based on polymerisable monomers C08F, C08G; paints, inks, varnishes, dyes, polishes, adhesives C09; lubricants C10M; detergents C11D; artificial filaments or fibres D01F; textile treating compositions D06)**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	C08L	Subclass	COMPOSITIONS OF MACROMOLECULAR COMPOUNDS (compositions based on polymerisable monomers <a href="#">C08F</a> , <a href="#">C08G</a> ; artificial filaments or fibres <a href="#">D01F</a> ; textile treating compositions <a href="#">D06</a> )	
M	C08L 91/00	0	Compositions of oils, fats or waxes; Compositions of derivatives thereof	
M	C08L 93/00	0	Compositions of natural resins; Compositions of derivatives thereof (of polysaccharides C08L1/00-C08L5/00; of natural rubber C08L7/00)	
M	C08L 97/00	0	Compositions of lignin-containing materials (of polysaccharides C08L1/00-C08L5/00)	

\*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T = existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

## NOTES:

- \*\*No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required “anchor” symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types.

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- “Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “<administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalisation projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

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C. New, Modified or Deleted Note(s)

**SUBCLASS C08L - COMPOSITIONS OF MACROMOLECULAR COMPOUNDS (pesticides, herbicides A01N; pharmaceuticals, cosmetics A61K; explosives C06B; compositions based on polymerisable monomers C08F, C08G; paints, inks, varnishes, dyes, polishes, adhesives C09; lubricants C10M; detergents C11D; artificial filaments or fibres D01F; textile treating compositions D06)**

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	C08L	<p>1. Compositions classified in C08K according to note 3 of C08K, are not classified in C08L.</p> <p>2. Documents classified before 09.2003: Classification is given in the form of C-Sets. The polymer in majority is given a C08L symbol, and the minor components are characterised by Indexing Codes taken from the list below. The Indexing Codes are linked. The polymer in majority is always first in the C-set. List of C08L codes: C08L 23/00, C08L 23/26, C08L 25/00, C08L 27/00, C08L 27/04, C08L 27/12, C08L 29/00, C08L 31/00, C08L 33/00, C08L 35/00, C08L 37/00, C08L 51/00, C08L 53/00, C08L 55/02, C08L 61/04, C08L 61/20, C08L 63/00, C08L 67/00, C08L 67/02, C08L 67/025, C08L 67/03, C08L 67/04, C08L 67/06, C08L 67/07, C08L 69/00, C08L 69/005, C08L 71/00, C08L 75/04, C08L 77/00, C08L 77/08, C08L 77/12, C08L 79/08, C08L 79/085, C08L 81/00, C08L 83/00, C08L 85/00, C08L 91/06, C08L 95/00 or C08L 2666/00- C08L 2666/86. Documents from group C08L 23/00 - C08L23/36, C08L 45/00 - C08L 45/02 and C08L 49/00 have all been reclassified following Note 3 below. An</p>	<p>1. In this subclass, the following term is used with the meaning indicated:</p> <ul style="list-style-type: none"> <li>• “Rubber” includes:                             <ul style="list-style-type: none"> <li>a. natural or conjugated diene rubbers;</li> <li>b. rubber in general (for a specific rubber, other than a natural rubber or a conjugated diene rubber, see the group provided for compositions of such macromolecular compounds).</li> </ul> </li> </ul> <p>2. In this subclass:</p> <ul style="list-style-type: none"> <li>a. compositions are classified according to the mutual proportions by weight of only the macromolecular constituents;</li> <li>b. compositions are classified according to the macromolecular constituent or constituents present in the highest proportion: if all these constituents are present in equal proportions the composition is classified according to each of these constituents.</li> </ul> <p>3. Any macromolecular constituent of a composition which is not identified by the classification according to Note (2) above, and the use of which is determined to be novel and non-</p>

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
		<p>additive is classified in the last appropriate place in the list as selected for each C08L group. Examples:</p> <ul style="list-style-type: none"> <li>a. A composition based on a polyamide and a graft polymer is classified in ( C08L 77/00, C08L 2666/24).</li> <li>b. A composition based on polyvinylchloride and containing CaCO3 is classified according to note 4 of C08K, i.e. in (C08K 3/26, C08L 27/06). If this composition contains also a polyamide, then the classification will be ( C08L 27/06, C08L 77/00, C08K 3/26).</li> <li>c. A composition based on a polysiloxane ( C08L 83/04) and containing a second polysiloxane, a phenol and silica is classified in ( C08L 83/04, C08L 83/04, C08L 2666/34, C08L 2666/58).</li> </ul> <p>3. From 01.09.2003 until April 2012: Classification is given in the form of C-Sets. The polymer in majority is given a C08L class, and the minor components are characterised by Indexing Codes taken from C08L or C08K and they are linked or unlinked. The polymer in majority is always first in the C-Set. List of C08L codes in the C-Set: C08L 1/00, C08L 81/00 ,C08L 83/00, C08L 91/06, C08L 95/00 or C08L 2666/02 - C08L 2666/08, C08L 2666/14 - C08L 2666/26. Examples:</p> <ul style="list-style-type: none"> <li>a. A blend of 60 parts polyvinylchloride ( C08L 27/06) and 40 parts polyamide is classified in ( C08L 27/06, C08L 2666/20) and C08L 77/00</li> </ul>	<p>obvious, must also be classified in this subclass. For example, a composition containing 80 parts polyethene and 20 parts polyvinyl chloride is classified in both groups C08L 23/06 and C08L 27/06, if the use of polyvinyl chloride is determined to be novel and non-obvious. {This IPC Note does not apply in CPC}</p> <ul style="list-style-type: none"> <li>4. Any macromolecular constituent of a composition which is not identified by the classification according to Notes (2) or (3) above, and which is considered to represent information of interest for search, may also be classified in this subclass. This can, for example, be the case when it is considered of interest to enable searching of compositions using a combination of classification symbols. Such non-obligatory classification should be given as "additional information". {This IPC Note does not apply in CPC}</li> <li>5. {Compositions classified in C08K according to note 3 of C08K, are not classified in C08L. }</li> <li>6. {In this subclass, combination sets [C-Sets] are used. The detailed information about the C-Sets construction and the associated syntax rules is</li> </ul>

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		<p>b. A blend of 50 parts polyvinylchloride (C08L 27/06) and 50 parts polyamide (C08L 77/00) is classified in (C08L 27/06, C08L 2666/20) and C08L 77/00, as well as in (C08L 77/00, C08L 2666/04) and C08L 27/06.</p> <p>c. A composition based on polyvinylchloride and containing CaCO3 is classified according to [N: Note 4 of C08K, i.e. in (C08K 3/26, C08L 27/06). If this composition contains also a polyamide, then the classification will be (C08L 27/06, C08L 2666/20) and C08K 3/26.</p> <p>d. A composition based on a first polysiloxane (C08L 83/04) and containing a second polysiloxane, a phenol and silica is classified in (C08L 83/04, C08L 83/04, C08K 5/13, C08K 3/36) and C08L 2205/02.</p> <p>4. From April 2012 onwards, after the notation C08L, notations concerning the other constituents of the composition may be added, in the form of C-Sets. The further constituent is added with an indexing code. The indexing codes are chosen from C08L 1/00 -C08L 2555/86 or C08K and they may be linked or unlinked: - C08L 1/00 - C08L 101/10 are linked. - C08L 2201/00 - C08L 2555/86 are unlinked. The polymer in majority is always first in the C-Set. Examples:</p> <p>a) A blend of 60 parts polyvinylchloride (C08L 27/06) and 40 parts polyamide (C08L 77/00)</p>	<p>present in the definitions of C08L}</p> <p>7. {C08L2666/00 indexing codes were used for C-Sets classification of documents before April 2012. In addition to note (6), for searching documents classified before April 2012, see also C08L2666/00 in the definitions of C08L. }</p>

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
		<p>is classified in (C08L 27/06, C08L 77/00).</p> <p>b) A blend of 50 parts polyvinylchloride (C08L 27/06) and 50 parts polyamide (C08L 77/00) is classified in (C08L 27/06, C08L 77/00) and (C08L 77/00, C08L 27/06).</p> <p>c) A composition based on polyvinylchloride and containing CaCO<sub>3</sub> is classified according to [N: Note 4 of C08K, i.e. in (C08K 3/26, C08L 27/06). If this composition contains also a polyamide, then the classification will be (C08L 27/06, C08L 77/00, C08K 3/26).</p> <p>d) A composition based on a first polysiloxane (C08L 83/04) and containing a second polysiloxane, a phenol and silica is classified in (C08L 83/04, C08L 83/00, C08K 5/13, C08K 3/36) and C08L 2205/02.</p> <p>e) A composition containing a polyamide in majority, a polyester and a polyethylene is classified in (C08L 77/00, C08L 67/00, C08L 23/06) and C08L 2205/03.</p> <p>5. Rubber" includes:</p> <ul style="list-style-type: none"> <li>• natural or conjugated diene rubbers;</li> <li>• rubber in general (for a specific rubber, other than a natural rubber or a conjugated diene rubber, see the group provided for compositions of such macromolecular compounds).</li> </ul>	



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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
		<p>6. In this subclass:                      a. compositions are classified according to the mutual proportions by weight of only the macromolecular constituents;                      b. compositions are classified according to the macromolecular constituent or constituents present in the highest proportion: if all these constituents are present in equal proportions the composition is classified according to each of these constituents</p>	
N	C08L 1/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 3/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 5/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 7/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 9/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 11/00		In this group, C-Sets are used.

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
			The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 13/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 15/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 17/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 19/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 21/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 23/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 25/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 27/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
N	C08L 29/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 31/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 33/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 35/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 37/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 39/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 41/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 43/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 45/00		In this group, C-Sets are used.

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
			The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 47/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 49/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 51/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 53/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 55/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 57/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 59/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 61/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
			associated syntaxrules is present in the Definitions of C08L.
N	C08L 63/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 65/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 67/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 69/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 71/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 73/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 75/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 77/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
N	C08L 79/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 81/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
M	C08L 83/00	In this main group, from 01.09.2010 onwards, new documents are classified according to the following system. The composition is identified with the C-Set, e.g. (C08L83/04, C08L 83/04) (for a composition containing two or more siloxanes), while the info	In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 83/06		This group does not comprise Si-OH and Si-OR groups that are classified in C08L83/04.
N	C08L 85/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 87/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 89/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 91/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 93/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
			associated syntaxrules is present in the Definitions of C08L.
N	C08L 95/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 97/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 99/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
N	C08L 101/00		In this group, C-Sets are used. The detailed information about the C-Sets construction and the associated syntaxrules is present in the Definitions of C08L.
M	C08L 2666/00	These codes are not used for the classification of new documents. They are a replacement of the combination classes.	Indexing codes of C08L2666/00 have not been used for the classification of new documents since April 2012. However, they are used in C-Sets searches for documents prior to April 2012. The detailed information about how to search using C08L2666/00 C-Sets is presented in the Definitions of C08L, C09D and C09J.

\*N = new note, M = modified note, D = deleted note

NOTE: The "Location" column only requires the symbol PRIOR to the location of the note. No further directions such as "before" or "after" are required.

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## 2. A. DEFINITIONS (new)

Insert: The following new Definition.

### C08L 47/00

#### References

#### Limiting references

*This place does not cover:*

Copolymers of compounds having no unsaturated aliphatic radicals in side chain and having one or more carbon to carbon double bonds in a carbocyclic or in a heterocyclic ring system	C08L45/00
Copolymers of rubber or its derivatives	C08L9/00 - C08L21/00

#### Special rules of classification

##### C-Sets classification:

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in the C08L subclass definition.

##### C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.



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## 2. A. DEFINITIONS (modified)

### C08L

#### Definition statement

*This place covers:*

Replace: The last paragraph of the Definition statement “C08L is the technical field...” with the following.

C08L is the technical field for compositions of polymers. In general, compositions of single polymers in solution are classified in C08L, unless otherwise mentioned in specific groups.

#### Relationships with other classification places

Replace: The first sentence in the existing Relationships with other classification places section with the following:

Compositions of single polymers with organic or inorganic additives are classified in C08K.

Delete: the following paragraph (paragraph 10 in the latest version of the definition):

Use or choice of inorganic or non-macromolecular organic materials as compounding agents are classified in C08K; Compositions classified in C08K according to note 3 of C08K, are not classified in C08L. However, if a composition contains two polymers and an additive following C08K, classification is made in C08L.

Delete: the following subheading:

#### **Multiple classification**

Replace: In the first paragraph after deleted subheading “Multiple classification” the symbol “A01P” with the following symbol:

A01N

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**Replace:** In the third paragraph after deleted subheading “Multiple classification” the symbol “C12S” with the following symbol:

C12P

**Delete:** the following paragraphs that appear at the end of the Relationships with other classification places section:

C09D and C09J are seen as "related fields" of C08L - this structure has implications on search and classification.

For classification:

- if the claims only pertain to a "coating composition...", only the C09D class is given.
- if the claims pertain to a composition as such and to coating (e.g. "composition for use as coating..."), both the C09D class and the corresponding C08L class are given.

For searching: both classes are to be searched, regardless of the wording of the claims, since in many documents of C08L, a passage relating to the use of the composition for coating can be found.

These rules apply in analogy for the adhesive compositions of C09J.

**Insert:** the following paragraphs at the end of the Relationships with other classification places section:

C09D and C09J are seen as "related fields" of C08L which should be considered when classifying or searching for a document.

For classification:

- If the claims only pertain to a "coating composition...", only C09D symbols are given.
- If the claims pertain to a composition as such and to coating (e.g. "composition for use as coating..."), both the C09D and the corresponding C08L symbols are given.

For searching: Both C08L and C09D sub-classes should be searched, regardless of the wording of the claims about a coating, since documents classified in C08L may have information relating to the use of the composition for coating.

These rules apply in analogy for the adhesive compositions of C09J and the related C08L.

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## References

Delete: The entire Limiting references section.

## Application-oriented references

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:*

Add: The following three new references to the Application-oriented references table.

Application of macromolecular composition in lubricants	C11D
Artificial filaments or fibres	D01F
Treatment of textiles	D06L - D06Q

## Special rules of classification

Replace: The existing Special rules of classification section with the following.

References C08F, C08G, D06 are non-limiting in the subclass C08L. CPC will be updated/corrected once this inconsistency in IPC is resolved.

Classification guidance:

- Compositions of single polymers with organic or inorganic additives are not classified in this subclass but in C08K.
- Compositions are classified according to the relative proportions by weight of only the macromolecular constituents; a single symbol is given according to the macromolecular constituent present in the highest proportion; if some or all of these constituents are present in equal proportions, the composition is classified according to each of these constituents.
- In the case of copolymers, the main group in C08L is selected on the basis of the monomer in majority for each macromolecular component of the composition, unless otherwise stated.
- The entire composition is also classified under the form of a C-Set (see C-Sets classification below).
- All hydrogels including those from a single polymer are classified in the C08L1/00 - C08L5/00 and C08L89/00 - C08L97/00 group corresponding

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to the matrix polymer and C08J3/075 and C08J2300/00 - C08J2399/00 (see definitions of C08L1/00 - C08L5/00 and C08L89/00 - C08L97/00)

- While crosslinked hydrogels are classified in [C08B](#), their compositions are in [C08L](#). The crosslinking process for making gel/hydrogel is classified in C08J3/24

Allocation of indexing codes:

- Orthogonal Indexing Codes [C08L 2201/00 - C08L 2555/86](#) are used to specify the role, applications and the characteristics of the polymer compositions.
- Orthogonal Indexing codes may be allocated in conjunction with C-sets symbols. In these situations, allocations of specific indexing codes are indicated with the related C-Sets in [C-Sets classification](#).
- Breakdown indexing codes in [C08L1/00 - C08L 101/16](#) are used as single symbols for classification, but they are not used in forming of C-Set symbols (See [C-Sets classification](#) below).

Orthogonal symbols C08L2666/00 - C08L2666/86 are not used for classification after April 2012. However, they can be used for C-Sets searches for the documents classified prior to April 2012. See C-sets search below.

### **Combination sets (C-Sets):**

In this subclass, C-Sets classification is applied to the following groups, listed in the table below, if the document discloses a pertinent combination of technical features that cannot be covered by the allocation of a single symbol. The fourth column of the table indicates the place where the detailed information about the C-Sets construction and the associated syntax rules can be found, in the definition section “**Special rules of classification**”.

C-SETS ID	BASE SYMBOL	SUBSEQUENT SYMBOLS	C-SETS FORMULA; LOCATION OF C-SETS RULES
#C8La	C08L1/00 - C08L101/16 (excluding breakdown indexing codes)	C08L1/00 - C08L101/16 (excluding breakdown indexing codes)	(C08L, C08L, ...); a composition comprising two or more polymers; see <a href="#">C08L</a>
#C8La(Si)	C08L1/00 - C08L101/16 (excluding C08L83/02 - C08L83/16 and excluding	C08L83/02 - C08L83/16, C08L83/00	(C08L, C08L83/02 - C08L83/16, C08L83/00, ...); a composition comprising one non

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	breakdown indexing codes)		Si-based polymer in majority and two or more Si-based polymers; see <a href="#">C08L</a>
#C8La(Si)2	C08L83/02 - C08L83/16	C08L83/00 and optionally C08L1/00 - C08L101/16 (excluding C08L83/02 - C08L83/16 and excluding breakdown indexing codes)	(C08L83/02 - C08L83/16, C08L83/00, ..., C08L,...); a composition comprising one Si-based polymer in majority with one or more Si-based polymer(s) and optionally non Si-based polymer(s); see <a href="#">C08L83/00</a>
#C8Lb	C08L1/00 - C08L101/16 (excluding breakdown indexing codes)	C08L1/00 - C08L101/16 (excluding breakdown indexing codes), C08K3/00 - C08K13/08 (excluding breakdown indexing codes)	(C08L, C08L,...C08K); a composition comprising two or more polymers with additive(s); see <a href="#">C08L</a>
#C8Lb(Si)	C08L1/00 - C08L101/16 (excluding C08L83/02 - C08L83/16 and excluding breakdown indexing codes)	C08L83/02 - C08L83/16, C08L83/00, C08K3/00 - C08K13/08 (excluding breakdown indexing codes)	(C08L, C08L83/02 - C08L83/16, C08L83/00, ..., C08K, ...); a composition comprising one non Si-based polymer in majority and two or more Si-based polymers, and additive(s); see <a href="#">C08L</a>
#C8Lb(Si)2	C08L83/02 - C08L83/16	C08L83/00 and optionally	(C08L83/02 - C08L83/16, C08L83/00, ...,

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		C08L1/00 - C08L101/16, (excluding C08L83/02 - C08L83/16 and excluding breakdown indexing codes), C08K3/00 - C08K13/08 (excluding breakdown indexing codes)	C08L, ... C08K, ...); a composition comprising one Si- based polymer in majority with one or more Si-based polymer(s) and optionally non Si- based polymer(s) and additive(s); see <a href="#">C08L83/00</a>
#C8Lz	C08L	C08L2666/00 - C08L2666/26	(C08L, C08L2666/00 - C08L2666/26); a composition comprising two or more polymers; see <a href="#">C08L</a>
#C8Ka	C08K3/00 - C08K13/08 (excluding breakdown indexing codes)	C08L1/00 - C08L101/16 (excluding breakdown indexing codes)	(C08K, C08L); an additive with a single polymer; see <a href="#">C08K</a>
#C9Dc	C09D101/00 - C09D201/10	C08L1/00 - C08L101/16 (excluding breakdown indexing codes)	(C09D, C08L, ...); a coating composition of two or more polymers; see <a href="#">C09D101/00</a>
#C9Dc(Si)	C09D101/00 - C09D201/10 (excluding C09D183/02 - C09D183/16)	C08L83/02 - C08L83/16, C08L83/00	(C09D, C08L83/02 - C08L83/16, C08L83/00, ...); a coating composition comprising one non Si-based polymer in majority and two or more Si-based polymers; see <a href="#">C09D101/00</a>

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#C9Dc(Si)2	C09D183/02 - C09D183/16	C08L83/00 and optionally C08L1/00 - C08L101/16 (excluding C08L83/02 - C08L83/16 and excluding breakdown indexing codes)	(C09D183/02 - C09D183/16, C08L83/00, ..., C08L, ...); a coating composition comprising one Si- based polymer in majority with one or more Si-based polymers and optionally non Si- based polymer(s); see <a href="#">C09D183/00</a>
#C9Df	C09D101/00 - C09D201/10	C08L1/00 - C08L101/16 (excluding breakdown indexing codes), C08K3/00 - C08K13/08 (excluding breakdown indexing codes)	(C09D, C08L..., C08K,...); a coating composition of two or more polymers with additive(s); see <a href="#">C09D101/00</a>
#C9Df(Si)	C09D101/00 - C09D201/10 (excluding C09D183/02 - C09D183/16)	C08L83/02 - C08L83/16, C08L83/00, C08K3/00 - C08K13/08 (excluding breakdown indexing codes)	(C09D, C08L83/02 - C08L83/16, C08L83/00, ..., C08K, ...); a coating composition comprising one non Si-based polymer in majority and two or more Si-based polymers and additive(s); see <a href="#">C09D101/00</a>
#C9Df(Si)2	C09D183/02 - C09D183/16	C08L83/00 and optionally C08L1/00 - C08L101/16 (excluding C08L83/02 - C08L83/16 and excluding breakdown	(C09D183/02 - C08L83/16, C08L83/00, ..., C08L,... C08K, ...); a coating composition comprising one Si- based polymer in majority with one or

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		indexing codes), C08K3/00 - C08K13/08 (excluding breakdown indexing codes)	more Si-based polymers and optionally non Si- based polymer(s) and additive(s); see <a href="#">C09D183/00</a>
#C9Dz	C09D101/00 - C09D201/10	C08L2666/00 - C08L2666/26	(C09D, C08L2666/00 - C08L2666/26); a coating composition of two or more polymers; see <a href="#">C09D101/00</a>
#C9Jc	C09J101/00 - C09J201/10	C08L1/00 - C08L101/16 (excluding breakdown indexing codes)	(C09J, C08L, ...); an adhesive composition of two or more polymers; see <a href="#">C09J101/00</a>
#C9Jc(Si)	C09J101/00 - C09J201/10 (excluding C09J183/02 - C09J183/16)	C08L83/02 - C08L83/16, C08L83/00	(C09J, C08L83/02 - C08L83/16, C08L83/00, ...); an adhesive composition comprising one non Si-based polymer in majority and two or more Si-based polymers; see <a href="#">C09J101/00</a>
#C9Jc(Si)2	C09J183/02 - C09J183/16	C08L83/00 and optionally C08L1/00 - C08L101/16 (excluding C08L83/02- C08L83/16 and excluding breakdown indexing codes)	(C09J183/02 - C09J183/16, C08L83/00, ..., C08L, ...); an adhesive composition comprising one Si- based polymer in majority and one or more Si-based polymer(s) and optionally non-Si polymer(s); see <a href="#">C09J183/00</a>



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#C9Jf	C09J101/00 - C09J201/10	C08L1/00 - C08L101/16 (excluding breakdown indexing codes), C08K3/00 - C08K13/08 (excluding breakdown indexing codes)	(C09J, C08L,..., C08K,...); an adhesive composition comprising two or more polymers with additive(s); see <a href="#">C09J101/00</a>
#C9Jf(Si)	C09J101/00 - C09J201/10 (excluding C09J183/02 - C09J183/16)	C08L83/02 - C08L83/16, C08L83/00, C08K3/00 - C08K13/08 (excluding breakdown indexing codes)	(C09J, C08L83/02 - C08L83/16, C08L83/00, ..., C08K, ...); an adhesive composition comprising one non Si-based polymer in majority and two or more Si-based polymers and additive(s); see C09J101/00
#C9Jf(Si)2	C09J183/02 - C09J183/16	C08L83/00 and optionally C08L1/00 - C08L101/16 (excluding C08L83/02 - C08L83/16 and excluding breakdown indexing codes), C08K3/00 - C08K13/08 (excluding breakdown indexing codes)	(C09J183/02 - C09J183/16, C08L83/00, ..., C08L,... C08K, ...); an adhesive composition comprising one Si- based polymer in majority with one or more Si-based polymer(s) and optionally non Si- based polymer(s) and additive(s); see <a href="#">C09J183/00</a>
#C9Jz	C09J101/00 - C09J201/10	C08L2666/00 - C08L2666/26	(C09J, C08L2666/00 - C08L2666/26); an adhesive composition of two

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			or more polymers; see <a href="#">C09J101/00</a>
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The specific C-Sets rule is located at only one place of the base symbol in the section “Special rules of classification” in the definition. If the C-Sets rule is applicable to all groups of a subclass, it is located at the subclass level only. If the same C-Sets rule is applicable to multiple groups or subgroups within the same subclass, the C-Sets rule is placed at the highest group or subgroup of the multiple groups.

**C-Sets statement: #C8La and #C8Lb**

- In groups C08L1/00 - C08L101/16, the compositions of macromolecular compounds and any additives(s) are classified in the form of C-Sets.
- In #C8La, the base symbol, representing the major polymer of the composition (in term of weight percentage) is taken from the groups C08L1/00 - C08L101/16, whereas the subsequent symbol(s) representing the polymer(s) as minor component(s) of the composition (in term of weight percentage) is (are) taken from the groups C08L1/00 - C08L101/16.
- In the case that two polymers are present in equal amounts (50:50), two C-sets are given.
- In #C8Lb, in addition to the polymers as shown in #C8La, further subsequent symbol(s), representing compound(s) used as an additive(s), are taken from the groups C08K3/00 - C08K13/08 (for the additive(s)).

**C-Sets syntax rules:**

- Each of these C-Sets should contain two or more symbols from C08L.
- C-Sets of #C8La shall contain two or more symbols.
- C-Sets of #C8Lb shall contain three or more symbols.
- Duplicate symbols are allowed in these C-Sets.
- Breakdown indexing codes are not allowed as either base or subsequent symbols.
- The order of C08L symbols in C-Sets of #C8La and # C8Lb is relevant as it reflects the relative amounts of the polymers. The C08K symbols for the additives always appear after the symbols for the polymers (C08L). The order of C08K symbols of additives is not relevant if there are more than one additive in the composition. (Note: This does not apply for #C8Ka. See #C8Ka rules in [C08K](#)).
- In addition, both #C8La and #C8Lb C-Sets can also be allocated in conjunction with orthogonal indexing codes C08L 2201/00 - C08L 2555/86. For example, a composition containing a polyamide in majority, a polyester and a polyethylene is classified as (C08L 77/00, C08L 67/00, C08L 23/06) and in C08L2205/03.

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- When the composition comprises one Si-based polymer of C08L83/02 - C08L83/16, one additional symbol is allocated in addition to the C-Set, which is selected from the range C08G77/02 - C08G77/62, corresponding to the Si-based polymer component detailed in the C-Set.
- In all cases, a single symbol is also given according to the macromolecular constituent present in the highest proportion.

### **C-Sets examples:**

- #C8La: A composition of polybutadiene rubber (C08L9/00) (present in majority) combined with epoxy resin (C08L63/00) is classified as (C08L9/00, C08L63/00).
- #C8La: A composition of 50 wt.% of polybutadiene rubber (C08L9/00) combined with 50 wt.% of epoxy resin (C08L63/00) is classified as (C08L9/00, C08L63/00) and (C08L63/00, C08L9/00). Two C-sets are allocated because both materials are in equal amounts.
- #C8La: A composition of PET and PBT is classified as (C08L67/02, C08L67/02).
- #C8La: Blends of bisphenol A based polycarbonate with a tetrachloro BPA based polycarbonate is classified as (C08L69/00, C08L69/00). Duplicate symbols are allowed if two different polymers in the composition have same symbols.
- #C8Lb: A composition of a thermoplastic Nylon 6,6 (C08L77/06) (present in majority) combined with a thermoplastic polyester resin (C08L67/00), a reinforcing or bulking filler (C08K7/02), and a triarylphosphate fire retardant (C08K5/523) is classified as (C08L77/06, C08L67/00, C08K7/02, C08K5/523)

### **C-Sets statement: #C8La(Si) and #C8Lb(Si)**

- #C8La(Si) and #C8Lb(Si) are a special use of #C8La and #C8Lb for a composition comprising two or more Si-based macromolecular compounds in the sense of C08G77/00.
- In groups C08L1/00 - C08L101/16, the feature relating to a composition comprising one non Si-based polymer in majority with two or more Si-based macromolecular compounds is classified in the form of C-Sets.
- In #C8La(Si) and #C8Lb(Si), the base symbol, representing the polymer in majority, is taken from the groups C08L1/00 - C08L101/10 (excluding C08L83/02 - C08L83/16), whereas the subsequent symbols representing the polymers in minority are taken from the groups C08L83/02 - C08L83/16 (for the Si-based macromolecular compound in majority), and from C08L83/00 (for the Si-based polymer(s) in minority).
- In addition, #C8Lb(Si) further includes subsequent symbols representing compound(s) used as an additive(s) from the groups C08K3/00 - C08K13/08.

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- In addition to C-Sets, one or more additional symbols are allocated, which are selected from the range C08G77/02 - C08G77/62 corresponding to each of the Si-based macromolecular compound components detailed in the C-Set.
- In all cases, a single symbol is also given according to the macromolecular constituent present in the highest proportion.

**C-Sets syntax rules:**

- C-Sets of #C8La(Si) shall contain at least three symbols.
- C-Sets of #C8Lb(Si) shall contain at least four symbols
- While duplicate symbols are allowed in these C-Sets, only one symbol selected from the range C08L83/02 - C08L83/16 is permitted per C-Set.
- Breakdown codes are not allowed either as base or as subsequent symbols.
- The order of C08L symbols in C-Sets of #C8La(Si) and #C8Lb(Si) is relevant as it reflects the relative amounts of the polymers. The C08K symbols for the additives always appear after the symbols for the polymers (C08L). The order of C08K symbols of additives is not relevant if there is more than one additive in the composition.

**C-Sets examples:**

#C8La(Si): A composition comprising, in descending amounts by weight, a polyester in accordance with C08G63/02, an amine-substituted polysiloxane in accordance with C08G77/26 and an epoxy-substituted polysiloxane in accordance with C08G77/14 is classified as (C08L67/02, C08L83/08, C08L83/00) and in C08G77/14(ADD) and C08G77/26 (ADD).

#C8Lb(Si): A composition comprising, in descending amounts by weight, a polyester in accordance with C08G63/02, an amine-substituted polysiloxane in accordance with C08G77/26 and an epoxy-substituted polysiloxane in accordance with C08G77/14 and carbon black is classified as (C08L67/02, C08L83/08, C08L83/00, C08K3/04) and in C08G77/14 (ADD) and C08G77/26 (ADD).

Also see C08L83/00 for more examples of compositions comprising Si-containing polymers.

**C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L, C08L83/00 and related subclasses e.g. C09D and C09J.

In addition, Search rule #C8Lz, #C9Dz (see C09D), and #C9Jz (see C09J) may be followed to search for polymers in documents classified prior to April 2012.

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### **Search rule #C8Lz**

To search a composition of two polymers, build search queries as follows: (C08L of the polymer in majority, C08L2666/00 - C08L2666/26).

The subsequent symbol refers to the appropriate subgroup of C08L2666/02 - C08L2666/26 according to the last place rule.

The search statement can also be further refined by searching the polymer in minority by using its C08L as ADD (for documents classified between 2003 and April 2012).

In the case where two polymers are present in equal amounts (50:50), either polymer can be treated as majority, build two C-Sets search queries wherein either polymer as majority.

Example 1: A composition comprising polystyrene in majority (C08L25/06) and polyester (Polycaprolactone) (C08L2666/18) in minority

- Search Queries: (C08L25/06, C08L2666/18), and optionally C08L67/04 (ADD).

Example 2: A composition comprising polystyrene in majority (C08L25/06) and polymethylmethacrylate (C08L2666/04) in minority.

- Search queries: (C08L25/06, C08L2666/04), and optionally C08L33/12 (ADD).

#C8Lz search rules do not apply when polysiloxane is in majority and when there is a second polysiloxane, C08L83/00 is used as subsequent symbol(s) in that case.

Example 3: A composition comprising epoxy functional polysiloxane (C08L83/06) in majority and polydimethylsiloxane in minority (C08L83/00).

- Search queries: (C08L83/06, C08L83/00).

To search for a composition of three or more polymers, build search queries as follows: (C08L of the polymer in majority, an appropriate subgroup of C08L2666/02 - C08L2666/26) and C08L2205/03 (ADD)

The search statement can also be further refined by searching the polymers in minority by using their C08L as ADD for documents classified between 2003 and April 2012.

In the case of a composition of three or more polymers, the subsequent symbol is taken from the group of C08L2666/00 - C08L2666/26 that covers all minority polymers.

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Example 4: A composition comprising polystyrene in majority (C08L25/06) and polyester (Polycaprolactone) (C08L2666/18) and polyamide (Nylon) (C08L2666/20) in minority.

- Search queries: (C08L25/06, C08L2666/14) and C08L2205/03 (ADD), and optionally C08L67/04 (ADD) and C08L77/06 (ADD)

Example 5: A composition comprising polystyrene in majority (C08L25/06) and polyester (Polycaprolactone) (C08L2666/18) and natural rubber (C08L2666/08) in minority.

- Search queries: (C08L25/06, C08L2666/02) and C08L2205/03 (ADD), and optionally C08L67/04 (ADD) and C08L7/00 (ADD)

## C08L 1/00

### Definition statement

*This place covers:*

Replace: The existing Definition statement text with the following.

Compositions of cellulose, modified cellulose or cellulose derivatives corresponding to the following main groups: [C08B 1/00](#) - [C08B 17/00](#)

### Relationships with other classification places

Replace: The existing Relationships text with the following:

Covalently or ionically crosslinked gels are classified in [C08B15/005](#) and [C08B15/10](#) as they are considered as polysaccharide derivatives per se. Coating compositions based on such polysaccharides are classified in [C09D101/00](#). Adhesives or binders based on such polysaccharides are classified in [C09J101/00](#).

### References

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

#### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

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Cellulose or derivatives thereof per se	C08B 1/00 - C08B 17/06
Composition based on lignin-containing materials, e.g. lignin, cork, lignocellulose or wood	C08L 97/00
Composition of natural macromolecular compounds or of derivatives thereof not provided for in groups C08L 89/00 - C08L 97/00, e.g. flours	C08L 99/00
Coating composition comprising cellulose or cellulose derivative	C09D 101/00 - C09D 101/32
Adhesive or binder composition comprising cellulose or cellulose derivative	C09J 101/00 - C09J 101/32

## Special rules of classification

Replace: The existing Special rules of classification section with the following:

Last place priority rule:

Within each group of the subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place.

Classification guidance:

- The subject-matter disclosed in both the claims and the examples of a patent document is to be classified.
- Cellulose or derivatives thereof either in solution or together with other macromolecular compounds, or together with an inorganic or non-macromolecular organic additive are considered as a composition and are thus classified according to the rules outlined in subclass C08L.
- Uncrosslinked hydrogels are classified in C08L1/00 - C08L1/32, together with C08J3/075 and C08J2301/02 - C08J2301/32.

Example: Hydrogels of cellulose are classified in C08L 1/02, C08J 3/075 and C08J2301/02.

The crosslinking process is classified in C08J3/24 (see definition of C08J3/00).

- While crosslinked hydrogels are classified in C08B, their compositions are in C08L.

Example: Crosslinking of cellulose derivative is classified in C08B15/005, the composition comprising crosslinked cellulose is classified in C08L1/08.

### C-Sets classification:

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L subclass.

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- The compositions of this group are classified according to the relative proportions by weight percentage of only the macromolecular constituents.
- In addition, a single symbol is given according to the macromolecular constituent present in the highest proportion.
- If all the constituents are present in equal proportions, the composition is classified according to each of these constituents.
- Compositions containing a cellulose and an inorganic or non-macromolecular organic additive as compounding agent are classified in the form of C-Sets ((i.e. #C8Lb and #C8Ka. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of subclass [C08L](#) and [C08K](#).

Example 1: Cellulose acetate in solution is classified in [C08L1/12](#).

Example 2: A composition consisting of 60 wt.% of microcrystalline cellulose and 40 wt.% of maltodextrin is classified as ([C08L1/04](#), [C08L3/02](#)).

Example 3: A composition consisting of carboxymethyl cellulose and glycerol (plasticiser) is classified as ([C08K5/053](#), [C08L1/286](#)) and in [C08K5/0016](#).

### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in [C08L](#) and related subclasses. In addition, [#C8Lz](#), [#C9Dz](#), and [#C9Jz](#) Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 3/00**

### **Definition statement**

Replace: The existing text with the following.

Compositions of starch, amylose or amylopectin or of their derivatives or degradation products corresponding to the following groups: [C08B30/00](#) - [C08B35/08](#)

### **Relationships with other classification places**

Replace: The existing text with the following.

Covalently or ionically crosslinked gels are classified in [C08B31/003](#) as they are considered as polysaccharide derivatives per se.

Coating compositions based on such starches are classified in [C09D103/00](#).



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Adhesives or binders based on such starches are classified in [C09J103/00](#).

## References

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Starch and derivatives thereof per se	<a href="#">C08B30/00</a> - <a href="#">C08B35/08</a>
Coating composition comprising starch, amylose, amylopectin or their derivatives or degradation products	<a href="#">C09D103/00</a> - <a href="#">C09D103/20</a>
Adhesive/Binder composition comprising cellulose or cellulose derivative starch, amylose, amylopectin or their derivatives or degradation products	<a href="#">C09J103/00</a> - <a href="#">C09J103/20</a>

## Special rules of classification

Replace: The current text with the following.

Last place priority rule:

Within each group of this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place.

Classification guidance:

- The subject-matter disclosed in both the claims and the examples of a patent document is to be classified.
- Starch or derivatives thereof either in solution, together with other macromolecular compounds, or together with an inorganic or non-macromolecular organic additive are considered as a composition and are thus classified according to the rules of [C08L](#).
- Uncrosslinked hydrogels are classified in [C08L3/00](#) - [C08L3/20](#) together with [C08J 3/075](#) and in [C08J2303/02](#) - [C08J2303/20](#).  
Example: Hydrogels of oxidised starch are classified in [C08L 3/10](#), [C08J 3/075](#) and [C08J 2303/10](#).
- The crosslinking process is classified in [C08J3/24](#) (see definition of [C08J3/00](#)). While crosslinked hydrogels are classified in [C08B](#), their compositions are classified in [C08L](#).  
Example: Crosslinking of starch is classified in [C08B31/003](#), the composition comprising crosslinked starch is classified in [C08L3/04](#).

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**C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

- The compositions of this group are classified according to the relative proportions by weight percentage of only the macromolecular constituents.
- In addition, a single symbol is given according to the macromolecular constituent present in the highest proportion.
- If all the constituents are present in equal proportions, the composition is classified according to each of these constituents.
- Compositions containing a starch and an inorganic or non-macromolecular organic additive as compounding agent are classified in classified in the form of C-Sets (i.e. #C8Ka and #C8Kb, if applicable). The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules in subclasses [C08K](#) and [C08L](#).

Example 1: Starch acetate in solution is classified in [C08L3/06](#).

Example 2: A composition consisting of 60 wt.% of crosslinked starch and 40 wt.% of maltodextrin is classified as ([C08L3/04](#), [C08L3/02](#)) and in [C08L2205/02](#).

Example 3: A composition consisting of crosslinked carboxymethyl starch and crosslinked glycerol (plasticiser) is classified as ([C08K5/053](#), [C08L3/08](#)) and in [C08K5/0016](#).

**C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 5/00**

### **Relationships with other classification places**

Replace: The existing text with the following.

Covalently or ionically crosslinked gels are classified in [C08B](#) as they are considered as polysaccharide derivatives per se.

Coating compositions based on such polysaccharides are classified in [C09D105/00](#).

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Adhesives or binders based on such polysaccharides are classified in [C09J105/00](#).

## References

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Polysaccharides per se	<a href="#">C08B37/00</a> - <a href="#">C08B37/0096</a>
Coating composition comprising polysaccharide or polysaccharide derivative	<a href="#">C09D105/00</a> - <a href="#">C09D105/16</a>
Adhesive/Binder composition comprising polysaccharide or polysaccharide derivative	<a href="#">C09J105/00</a> - <a href="#">C09J105/16</a>

## Special rules of classification

Replace: The existing text with the following.

Last place priority rule:

Within each group of this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place.

Classification guidance:

- The subject-matter disclosed in both the claims and the examples of a patent document is to be classified.
- Polysaccharides or derivatives thereof-either in solution, together with other macromolecular compounds, or together with an inorganic or non-macromolecular organic additive are considered as a composition and are thus classified according to the rules of [C08L](#).
- Uncrosslinked hydrogels are classified in [C08L5/00](#) - [C08L5/16](#) together with [C08J 3/075](#) and in [C08J2305/02](#) - [C08J2305/16](#).

Example: Hydrogels of alginate are classified in [C08L 5/04](#), [C08J 3/075](#) and [C08J 2305/04](#).

- The crosslinking process is classified in [C08J3/24](#).

Example: Crosslinking of Dextran is classified in [C08B37/0021](#); the composition comprising crosslinked dextran is classified in [C08L5/02](#).

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**C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C08La(Si), #C08Lb, and #C08Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

- The compositions of this group are classified according to the relative proportions by weight percentage of only the macromolecular constituents.
- In addition, a single symbol is given according to the macromolecular constituent present in the highest proportion.
- If all the constituents are present in equal proportions, the composition is classified according to each of these constituents.
- Compositions containing a polysaccharide and an inorganic or non-macromolecular organic additive as compounding agent are classified in [C08K](#) as indicated in the rules for [C08L](#) in the form of C-Sets (i.e. #C08Ka and #C08Lb), if applicable. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules in subclasses [C08K](#) and [C08L](#).

Example 1: Ethers of cyclodextrin in solution are classified in [C08L5/16](#).

Example 2: A composition consisting of 60 wt.% of hyaluronic acid and 40 wt.% of maltodextrin is classified as ([C08L5/08](#), [C08L3/02](#)).

Example 3: A composition consisting of carboxymethyl dextran and glycerol (plasticiser) is classified as ([C08L5/02](#), [C08K5/053](#)) and in [C08K5/0016](#).

**C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C08Lz, #C09Dz, and #C09Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 7/00**

Insert: The following new Special rules of classification section.

### **Special rules of classification**

**C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C08La(Si), #C08Lb, and #C08Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

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**C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 9/00**

### **Definition statement**

*This place covers:*

Insert: The following new text as the first bullet in the Definition statement.

- Compositions based on diene rubbers corresponding to polymers of groups C08F36/00, C08F136/00 and C08F236/00

Insert: The following new Special rules of classification section.

### **Special rules of classification**

Last place priority rule:

Within each group of this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place.

**C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L subclass.

Example 1: A blend of 60 parts polybutadiene (C08L9/00) and 40 parts polyamide (C08L77/00) is classified as (C08L9/00, C08L77/00).

Example 2: A blend of 50 parts polybutadiene (C08L9/00) and 50 parts polyamide (C08L77/00) is classified as (C08L9/00, C08L77/00) and as (C08L77/00, C08L9/00).

Example 3: A blend of 60 parts polybutadiene (C08L9/00), 40 parts natural rubber (C08L7/00) and 40 parts of silica is classified as (C08L9/00, C08L7/00, C08K3/36).

**C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and

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#C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## C08L 11/00

### Definition statement

*This place covers:*

Replace: The existing text with the following.

Compositions of homopolymers or copolymers of chloroprene or latex corresponding to groups C08F36/16, C08F36/18, C08F136/16, C08F136/18, C08F236/16 and C08F236/18

Insert: The following new Special rules of classification section.

#### Special rules of classification

##### C-Sets classification:

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L subclass.

##### C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## C08L 13/00

### Definition statement

*This place covers:*

Replace: The existing text with the following.

Compositions of rubbers, corresponding to polymers of groups C08F36/00, C08F136/00 and C08F236/00 containing carboxyl groups containing monomers in minority, e.g. acrylic acid or acrylic acid esters.

Insert: The following new Special rules of classification section.

#### Special rules of classification

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**C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

**C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

**C08L 15/00****References**

Insert: The following new Limiting references section.

**Limiting references**

*This place does not cover:*

Compositions of homopolymers or copolymers of chloroprene	<a href="#">C08L11/00</a>
Compositions of rubbers containing carboxyl groups	<a href="#">C08L13/00</a>

**Special rules of classification**

Replace: The existing text with the following.

An additional symbol in [C08C](#) may be given for the treatment.

**C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

**C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

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Insert: The following new Special rules of classification section.

### Special rules of classification

#### C-Sets classification:

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

#### C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## C08L 19/00

### References

Delete: The entire Limiting references section.

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Insert: The following seven new references in the Informative references table.

Compositions of copolymers of ethene-propene or ethene-propene-diene, e.g. EPM or EPDM rubber	<a href="#">C08L 23/16</a>
Compositions of copolymers of isobutene with minor part of conjugated dienes monomers, e.g. butyl rubber	<a href="#">C08L 23/22</a>
Compositions of polyacrylates	<a href="#">C08L 33/00</a>
Compositions of unconjugated dienes	<a href="#">C08L 47/00</a>
Compositions of graft copolymers	<a href="#">C08L 51/00</a>
Compositions of block copolymers	<a href="#">C08L 53/00</a>
Compositions of ABS	<a href="#">C08L 55/02</a>

### Special rules of classification



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Replace: The existing text with the following.

Last place priority rule:

Within each group of this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place.

**C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L subclass.

**C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 23/00**

### **Definition statement**

*This place covers:*

Replace: The existing text with the following.

Compositions of homopolymers or copolymers of unsaturated aliphatic hydrocarbons having only one carbon-corresponding to-carbon double bond; Compositions of derivatives of such polymers corresponding to groups [C08F10/00](#), [C08F110/00](#) and [C08F210/00](#).

### **Relationships with other classification places**

Delete: The following line of text from the section.

Multiple classification

Replace: In the first paragraph, the reference to A01P with A01N

### **References**

Delete: The entire Limiting references section.

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## Special rules of classification

Replace: The existing text with the following.

Last place priority rule:

Within each group of this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place.

If the copolymer can be covered by more than one subgroups, the lowest alternative subgroups (last place) is used, i.e. terpolymers of ethylene, acrylic ester and vinyl acetate would be classified in [C08L23/0869](#) instead of [C08L23/0853](#) even when vinyl acetate would be present in a higher amount than acrylic ester.

Classification guidance:

- Documents are preferably classified according to the examples in the documents, not according to general claims, i.e. if the examples only describe compositions of polypropylene, but subject matter of the claim is a composition of polyolefin, the document is classified as composition of polypropylene [C08L23/12](#).
- Single polymers and their preparation are to be classified in [C08F210/00](#) on the basis of sufficient disclosure in the document.

Choice of symbol for copolymer

- A composition of copolymers is given the symbol according to the monomer in majority, except if there is a lower symbol which specifies the comonomer in minority (see last place rule), i.e. ethylene butene copolymers (ethylene in majority) would be classified in [C08L23/0815](#), and not in [C08L23/20](#), but ethylene vinylacetate (ethylene in majority) would be classified in [C08L23/0853](#), not in [C08L23/08](#) or [C08L31/04](#).
- In addition, a separate C-Set representing the copolymer that is formed according to the monomers of [C08F](#) must also be given.

### C-Sets classification:

In this group, C-Sets (e.g. [#C08La](#), [#C8La\(Si\)](#), [#C8Lb](#), and [#C8Lb\(Si\)](#)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in [C08L](#) subclass.

- [C08L23/00](#) relates to compositions comprising two or more polymers. The polymer in majority is given a symbol as a base symbol, and the polymers in minority are given symbols as subsequent symbols in the form of C-Sets.
- In addition, a single symbol is given according to the macromolecular constituent present in the highest proportion.

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- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and its minor component(s).
- Compositions containing polymers and an inorganic or non-macromolecular organic additive as compounding agent are classified in the form of C-Sets (i.e. #C8Ka and #C8Lb), if applicable. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of subclasses [C08K](#) and [C08L](#).
- Orthogonal indexing codes [C08L 2201/00](#) - [C08L 2555/86](#) are also given if applicable.

### **C-Sets examples:**

Example 1: A blend of 60 parts polyethylene ([C08L23/06](#)) and 40 parts polyamide ([C08L77/00](#)) is classified as ([C08L23/06](#), [C08L77/00](#)).

Example 2: A blend of 50 parts polyethylene ([C08L23/06](#)) and 50 parts polyamide ([C08L77/00](#)) is classified as ([C08L23/06](#), [C08L77/00](#)) and ([C08L77/00](#), [C08L23/06](#)).

Example 3: A composition based on polyethylene and containing CaCO<sub>3</sub> is classified as ([C08K3/26](#), [C08L23/06](#)). If this composition contains also a polyamide, then the classification will be ([C08L23/06](#), [C08L77/00](#), [C08K3/26](#)).

Example 4: A composition based on a first polyethylene ([C08L23/04](#)) and containing a second polyethylene, a phenol and silica is classified as ([C08L23/04](#), [C08L23/04](#), [C08K5/13](#), [C08K3/36](#)) and in [C08L2205/02](#).

Example 5: A composition containing a polyamide in majority, a polyester and a polyethylene is classified as ([C08L77/00](#), [C08L67/00](#), [C08L23/06](#)) and in [C08L2205/03](#).

Example 6: Compositions containing two polymers of the same dot group, for example compositions of two ionomers, are characterised by the Indexing Code [C08L2205/025](#). The complete classification for a compositions of a K<sup>+</sup> and a Na<sup>+</sup> ionomer therefore would be ([C08L23/0876](#), [C08L23/0876](#)) and [C08L2205/025](#). The same applies for compositions of two polymers only distinguished by physical properties (i.e. molecular weight, density etc.).

### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

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## Glossary of terms

*In this place, the following terms or expressions are used with the meaning indicated:*

Replace: The text in the second row of the table “Elastomeric ethylene...” with the following.

Elastomeric ethylene propylene (diene) copolymers, e.g. EPR or EPDM	Elastomeric copolymer rubbers defined by similar amounts of ethylene and propene, i.e. 30 - 70 wt.% ethylene and 70 - 30 wt.% propene
---	---

## C08L 25/00

### Definition statement

*This place covers:*

Replace: The existing text with the following.

Compositions based on homopolymers or copolymers of compounds corresponding to groups C08F12/00, C08F112/00 and C08F212/00:

- hydrocarbons
- styrene, e.g. polystyrene
- alkyl-substituted styrenes
- aromatic monomers containing elements other than carbon and hydrogen

### References

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

#### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

SBR rubber	<a href="#">C08L9/06</a> - <a href="#">C08L9/08</a>
Grafted (co)polymers	<a href="#">C08L51/00</a> - <a href="#">C08L51/10</a>
Block (co)polymers	<a href="#">C08L53/02</a> - <a href="#">C08L53/025</a>
Acrylonitrile butadiene styrene ABS	<a href="#">C08L55/02</a>

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## Special rules of classification

Replace: The existing text with the following.

Classification guidance:

- Classification should be made based on the examples, but not the general claims, in the documents. The use of main group symbol should be avoided if there are subgroups cover the subject matter to be classified.
- For example, a document claiming compositions of a polymer of an aromatic vinyl monomer, wherein the examples are limited to e.g. polystyrene, should be classified in C08L25/06 and not in C08L25/04, C08L25/02 or in C08L25/00
- General purpose PS, GPS is classified in C08L25/06.
- High impact polystyrene HIPS is classified in C08L25/06, unless the rubber or rubber content is of relevance, where it should be classified in C08L51/04.

**C-Sets classification**: In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

### **C-Sets searches**:

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## C08L 27/00

### Definition statement

*This place covers:*

Add: The following new text as the first line of the existing Definition statement.

Compositions based on homopolymers or copolymers of compounds corresponding to groups C08F14/00, C08F114/00 and C08F214/00:

### References

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

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## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Chemically modified, (post)halogenated polymers e.g., halogenated polyolefins or halogenated polyolefins	C08L23/28, C08L27/24
(Per)halogenated esters of unsaturated carboxylic acids	C08L33/00
(Per)halogenated polyethers	C08L71/00

## Special rules of classification

Replace: The existing text with the following.

Classification Guidance:

- Classification should be made based on the examples, but not the general claims in the documents. The use of main group symbols should be avoided if there are subgroups which cover the subject matter to be classified.
- For example, a document claiming compositions of a halogenated polymer, wherein the examples are limited to poly(vinyl chloride), should be classified in C08L27/06 and not in C08L27/04, C08L27/02 or C08L27/00.

### C-Sets Classification:

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L subclass.

### C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## C08L 29/00

### Definition statement

*This place covers:*

Add: The following new text as the first line of the existing Definition statement.

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Compositions based on homopolymers or copolymers of compounds corresponding to groups C08F16/00, C08F116/00 and C08F216/00:

## Special rules of classification

Replace: The existing text with the following.

Classification guidance:

- Classification should be made based on the examples, but not the general claims in the documents. The use of main group symbols should be avoided if there are subgroups which cover the subject matter to be classified.
- For example, a document claiming compositions of a polymer of an unsaturated alcohol monomer, wherein the examples are limited to polyvinyl alcohol, should be classified in C08L29/04 and not in C08L29/02 or C08L29/00.

### C-Sets classification:

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L subclass.

### C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## C08L 31/00

### Definition statement

*This place covers:*

Replace: The existing text with the following.

Compositions based on homopolymers or copolymers of compounds corresponding to groups C08F18/00, C08F118/00 and C08F218/00:

- esters of saturated monocarboxylic acids with unsaturated alcohols, e.g. of vinyl acetate
- esters of polycarboxylic acids with unsaturated alcohols, e.g. of diallyl phthalate.

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## Limiting references

*This place does not cover:*

Replace: The term “Hydrolised” with “Hydrolysed” in the table.

Hydrolysed or saponified polymers thereof	<a href="#">C08L29/00</a>
---	---------------------------

## Special rules of classification

Replace: The existing text with the following.

Classification guidance:

- Classification should be made based on the examples, but not the general claims in the documents. The use of main group symbols should be avoided if there are subgroups which cover the subject matter to be classified.
- For example, a document claiming compositions of a (co)polymer of an unsaturated ester of a saturated carboxylic acid monomer, wherein the examples are limited to e.g. polyvinyl acetate, should receive the class C08L31/04 and not C08L31/02 or C08L31/00.

### C-Sets classification:

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

### C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## C08L 33/00

### Definition statement

*This place covers:*

Replace: The existing text with the following.

Compositions based on homopolymers or copolymers of compounds corresponding to groups [C08F20/00](#), [C08F120/00](#) and [C08F220/00](#).

Homopolymers or copolymers of



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- unsaturated acids e.g. of acrylic or methacrylic acid,
- esters e.g. of (meth)acrylate esters,
- nitriles e.g. of acrylonitrile,
- amides or imides, e.g. of acrylamide or methacrylamide.

## Relationships with other classification places

Delete: The following line in the section.

Multiple classification:

## References

Delete: The entire Limiting references section.

## Application-oriented references

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:*

Add: The following two new references to the Application-oriented references table.

Coating compositions	<a href="#">C09D133/00</a>
Adhesives	<a href="#">C09J133/00</a>

## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Add: The following two new references to the Informative references table.

Diene rubbers containing carboxylic groups with acrylic monomers in minority	<a href="#">C08L13/00</a>
Single polymer products from compositions based on polymerisable monomers, e.g. polymer resulting from polymerisation of methyl methacrylate and acrylic	<a href="#">C08F10/00 - C08F301/00</a> , e.g. <a href="#">C08F220/00</a>

## Special rules of classification

Replace: The existing text with the following.

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**Last place priority rule:**

Within each group of this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place.

If there is more than one subgroup that covers the subject matter to be classified, the lowest subgroup (last place) is used. For example, terpolymers of styrene, vinyl acetate and methyl methacrylate in similar proportions would be classified in [C08L33/12](#) instead of [C08L25/00](#) or [C08L31/00](#).

**Classification guidance:**

- Documents are preferably classified according to the examples in the documents, not according to general claims, e.g. if the examples only describe compositions of acrylamide copolymers, but subject matter of the claim is a composition of acrylic copolymers, the document is classified as composition of acrylamide copolymers [C08L33/26](#).
- Single polymers and their preparation are to be classified in [C08F220/00](#) on the basis of sufficient disclosure in the document.

**Choice of symbol for copolymer:**

- In a composition comprising a copolymer, the copolymer is given the symbol on the basis of the major monomer of said copolymer, except if there is a lower symbol which specifies the comonomer in minority. For example, a composition based on a copolymer of ethylene and acrylic acid is classified in [C08L23/0869](#) when ethylene is in majority, but in [C08L33/02](#) when acrylic acid is in majority. However, a copolymer of acrylic ester and acrylonitrile (acrylic ester in majority) is classified in [C08L33/20](#).
- The classification in [C08L33/00](#) should be done according to the most specific, or reactive monomer, even if this is a monomer in minority. Thus compositions of copolymers wherein anhydride, carboxylic acid or metal salt containing monomers are present are classified in [C08L33/064](#); copolymers wherein hydroxyl-containing monomers are present are classified in [C08L33/064](#), copolymers wherein glycidyl-containing monomers are present are classified in [C08L33/068](#).
- In addition, a separate C-Set representing the copolymer that is formed according to the monomers of C08F must also be given.

**C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C08La(Si), #C08Lb, and #C08Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L subclass.

- [C08L33/00](#) relates to compositions having two or more polymers

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- The polymer in majority is given a symbol as a base symbol, and the polymers in minority are given symbols as subsequent symbols in the form of C-Sets.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.
- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and its minor component(s).
- Compositions containing polymers and an inorganic or non-macromolecular organic additive as compounding agent are classified in the form of C-Sets (i.e. #C8Ka and #C8Lb), if applicable. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of subclasses [C08K](#) and [C08L](#).
- Orthogonal indexing codes C08L 2201/00 - C08L 2555/86 are also given if applicable.

Example 1: A blend of 60 parts polymethyl methacrylate (C08L33/12) and 40 parts polyamide (C08L77/00) is classified as (C08L33/12, C08L77/00).

Example 2: A blend of 50 parts polymethyl methacrylate (C08L33/12) and 50 parts polyamide (C08L77/00) is classified as (C08L33/12, C08L77/00) and (C08L77/00, C08L33/12).

Example 3: A composition based on polymethyl methacrylate and containing  $\text{CaCO}_3$  is classified as (C08K3/26, C08L33/12). If this composition contains also a polyamide, then it is classified as (C08L33/12, C08L77/00, C08K3/26).

Example 4: A composition based on a first polymethyl methacrylate (C08L33/12) and containing as a second polymer a copolymer of acrylic acid, a phenol and silica is classified as (C08L33/12, C08L33/02, C08K5/13, C08K3/36) and in C08L2205/02.

Example 5: A composition containing a polyamide in majority, a polyester and a polymethyl methacrylate is classified as (C08L77/00, C08L67/00, C08L33/12) and in C08L2205/03.

Example 6: A composition containing a blend of a copolymer of acrylic ester, acrylamide and hydroxymethylmethacrylate as main component with polymethyl methacrylate as minor component therefore would be classified as (C08L33/26, [C08L33/12](#)), even if less acrylamide monomer is present than acrylic ester and hydroxymethylmethacrylate. A separate C-Set in C08F corresponding to the comonomers of the main polymer is also given (C08F220/14, C08F220/26, [C08F220/20](#)).

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Example 7: Compositions containing two polymers of the same dot group, for example compositions of two polymers am hydroxyl containing acrylic ester, are characterised by the orthogonal indexing code C08L2205/025. The complete classification for such a compositions therefore would be (C08L33/066, C08L33/066) and C08L2205/025. The same applies for compositions of two polymers only distinguished by physical properties (e.g. molecular weight, density etc.).

### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **Glossary of terms**

*In this place, the following terms or expressions are used with the meaning indicated:*

Replace: The row of text starting with “Elastomeric ethylene...” with the following.

Elastomeric ethylene propylene (diene) copolymers, e.g. EPR or EPDM	Elastomeric copolymer rubbers defined by similar amounts of ethylene and propene, e.g. 30 - 70 wt.% ethylene and 70 - 30 wt.% propene
---	---

## **C08L 35/00**

### **Relationships with other classification places**

Delete: The following text.

Multiple classification

Replace: The reference “A01P” with “A01N” as shown below:

Application of macromolecular compositions as biocides, pest-repellants, pest-attractants, or plant growth activity regulators is further classified in subclass [A01N](#).

## **References**

Delete: The entire Limiting references section.

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## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Add: The following three new references to the Informative references table.

Single polymer products from compositions based on polymerisable monomers,	C08F10/00 - C08F301/00
Coating compositions	C09D135/00
Adhesives	C09J135/00

## Special rules of classification

Replace: The existing text with the following.

Last place priority rule:

Within each group of this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place.

Classification guidance:

- Documents are preferably classified according to the examples in the documents, not according to general claims, e.g. if the examples only describe compositions of styrene-maleic anhydride, but subject matter of the claim is a composition of a vinyl aromatic copolymer, the document is classified as composition of styrene maleic anhydride copolymer (C08L35/06).
- Single polymers and their preparation are to be classified in C08F on the basis of sufficient description in the document.

Choice of symbol for copolymer:

- In a composition comprising a copolymer, the copolymer is given the symbol on the basis of the major monomer of said copolymer, except if there is a lower symbol which specifies the comonomer in minority, i.e. ethylene maleic anhydride copolymers (ethylene in majority) would be classified in C08L23/0869, and not in C08L35/00, but ethylene maleic anhydride copolymers (maleic anhydride in majority) would be classified in C08L35/06, not in C08L23/0869
- In addition, a separate C-Set representing the copolymer that is formed according to the monomers of C08F must also be given.

### C-Sets classification:

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In this group, C-Sets (e.g. #C08La, #C08La(Si), #C08Lb, and #C08Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

- C08L35/00 relates to compositions having two or more polymers. The compositions of polymers this group are classified in the form of C-Sets (i.e. #C08La).
- The polymer in majority is given a symbol as a base symbol, and the polymers in minority are given symbols as subsequent symbols in the C-Sets.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.
- If the polymers are present in equal proportions, the composition is given separate C-Sets according to each polymer.
- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and the related polymer in minority.
- Compositions containing polymers and an inorganic or non-macromolecular organic additive as compounding agent are classified in the form of C-Sets (i.e. #C08Ka and #C08Lb), if applicable. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of subclasses C08K and C08L.
- Orthogonal indexing codes C08L2201/00 - C08L2555/86 are also given if applicable.

Example 1: A blend of 60 parts styrene-maleic anhydride copolymer (C08L35/06) and 40 parts polyamide (C08L77/00) is classified as (C08L35/06, C08L77/00).

Example 2: A blend of 50 parts styrene-maleic anhydride copolymer (C08L35/06) and 50 parts polyamide (C08L77/00) is classified as (C08L35/06, C08L77/00) and as (C08L77/00, C08L35/06).

Example 3: A composition based on styrene-maleic anhydride copolymer and containing CaCO<sub>3</sub> is classified as (C08K3/26, C08L35/06). If this composition contains also a polyamide, then it is classified as (C08L35/06, C08L77/00, C08K3/26).

Example 4: A composition based on a first styrene-maleic anhydride copolymer (C08L35/06) and containing a second styrene-maleic anhydride copolymer, a phenol and silica is classified as (C08L35/06, C08L35/06, C08K5/13, C08K3/36) and in C08L2205/025.

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Example 5: A composition containing a polyamide in majority, a polyester and a styrene-maleic anhydride copolymer is classified as (C08L77/00, C08L67/00, C08L35/06) and in C08L2205/03.

Example 6: Compositions containing two polymers of the same dot group, for example compositions of two styrene-maleic anhydride copolymer polymers, are characterised by the orthogonal indexing code C08L2205/025. The complete classification for such compositions therefore would be (C08L35/06, C08L35/06) and C08L2205/025. The same applies for compositions of two polymers only distinguished by physical properties (i.e. molecular weight, density etc.)

### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **Glossary of terms**

*In this place, the following terms or expressions are used with the meaning indicated:*

Replace: The text in the second row of the table with the following.

Elastomeric ethylene propylene (diene) copolymers, e.g. EPR or EPDM	Elastomeric copolymer rubbers defined by similar amounts of ethylene and propene, e.g. 30 - 70 wt.% ethylene and 70 - 30 wt.% propene
---	---

## **C08L 37/00**

### **Definition statement**

*This place covers:*

Replace: The existing text with the following.

Compositions based on homopolymers or copolymers corresponding to groups C08F24/00, C08F124/00 or C08F224/00.

### **Relationships with other classification places**

Delete: The following text.

Multiple classification

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**Replace:** The text “A01P” with “A01N” as shown below.

Application of macromolecular compositions as biocides, pest-repellants, pest-attractants, or plant growth activity regulators is further classified in subclass [A01N](#).

## References

### Limiting references

*This place does not cover:*

**Delete:** All rows EXCEPT the following two rows.

Compositions of polymers of cyclic esters of polyfunctional acids	<a href="#">C08L31/00</a>
Compositions of polymers of anhydrides of unsaturated acids	<a href="#">C08L35/00</a>

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

**Add:** The following three new rows to the existing table.

Single polymer products from compositions based on polymerisable monomers	<a href="#">C08F10/00</a> - <a href="#">C08F301/00</a>
Coating compositions	<a href="#">C09D137/00</a>
Adhesives	<a href="#">C09J137/00</a>

## Special rules of classification

**Replace:** The existing text with the following.

Last place priority rule:

Within each group of this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place.

Classification guidance:

- Documents are preferably classified according to the examples in the documents, not according to general claims, e.g. if the examples only



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describe compositions of diene vinyl furan, but subject matter of the claim is a composition of a diene copolymer, the document is classified as composition of diene vinyl furane copolymer (C08L37/00).

- Single polymers and their preparation are to be classified in C08F on the basis of sufficient description in the document.

Choice of symbol for copolymer:

- [C08L37/00](#) may also be given when the monomer described therein is in minority in a copolymer. For example, a composition based on a copolymer of diene and vinylfuran, which has only a low content of vinyl furan, would be classified in [C08L37/00](#). Additional classification in [C08L9/00](#) should be considered.
- In addition, a separate C-Set representing the copolymer that is formed according to the monomers of C08F must also be given.

### **C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L subclass.

- [C08L37/00](#) relates to compositions having two or more polymers.
- The polymer in majority is given a symbol as a base symbol, and the polymers in minority are given symbols as subsequent symbols in the form of C-Sets.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.
- If the polymers are present in equal proportions, the composition is given separate C-Sets according to each polymer. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of subclass [C08L](#).
- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and the related polymer in minority.
- Compositions containing polymers and an inorganic or non-macromolecular organic additive as compounding agent are classified in the form of C-Sets (i.e. #C8Ka and #C8Lb), if applicable. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of subclasses [C08K](#) and [C08L](#).
- Orthogonal indexing codes C08L 2201/00 - C08L 2555/86 are also given if applicable.

Example 1: A blend of 60 parts diene vinyl furan copolymer (C08L37/00) and 40 parts polyamide (C08L77/00) is classified as (C08L37/00, C08L77/00).

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Example 2: A blend of 50 parts diene vinyl furan copolymer (C08L37/00) and 50 parts polyamide (C08L77/00) is classified as (C08L37/00, C08L77/00) and (C08L77/00, C08L37/00).

Example 3: A composition based on diene vinyl furan copolymer and containing CaCO<sub>3</sub> is classified as (C08K3/26, C08L37/00). If this composition contains also a polyamide, then it is classified as (C08L37/00, C08L77/00, C08K3/26).

Example 4: A composition based on a first diene vinyl furan copolymer (C08L37/00) and containing a second diene vinyl furan copolymer, a phenol and silica is classified as (C08L37/00, C08L37/00, C08K5/13, C08K3/36) and in C08L2205/025.

Example 5: A composition containing a polyamide in majority, a polyester and a diene vinyl furan copolymer is classified as (C08L77/00, C08L67/00, C08L37/00) and in C08L2205/03.

Example 6: Compositions containing two polymers of the same dot group, for example compositions of two diene vinyl furan copolymer polymers, are characterised by the Indexing Code C08L2205/025. The complete classification for such compositions therefore would be (C08L37/00, C08L37/00) and C08L2205/025. The same applies for compositions of two polymers only distinguished by physical properties (i.e. molecular weight, density etc.)

### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **Glossary of terms**

*In this place, the following terms or expressions are used with the meaning indicated:*

Replace: The text in the second row of the table with the following.

Elastomeric ethylene propylene (diene) copolymers, e.g. EPR or EPDM	Elastomeric copolymer rubbers defined by similar amounts of ethylene and propene, e.g. 30 - 70 wt.% ethylene and 70 - 30 wt.% propene
---	---

## **C08L 39/00**

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**Definition statement***This place covers:*Replace: The existing text with the following.

Compositions based on homopolymers or copolymers corresponding to C08F26/00, C08F126/00 and C08F226/00, as e.g.:

- Vinylamine
- N-vinylpyrrolidones
- Vinyl-pyridine

**Relationships with other classification places**Delete: The following text.Multiple classificationReplace: The text “A01P” with “A01N” as shown below:

Application of macromolecular compositions as biocides, pest-repellants, pest-attractants, or plant growth activity regulators is further classified in subclass [A01N](#).

**References**Delete: The entire Limiting references section.**Informative references***Attention is drawn to the following places, which may be of interest for search:*Add: The following four new references to the Informative references table.

Compositions of copolymers of acrylic amides or imides	<a href="#">C08L33/24</a> - <a href="#">C08L33/26</a>
Single polymer products from compositions based on polymerisable monomers	<a href="#">C08F10/00</a> - <a href="#">C08F301/00</a>
Coating compositions	<a href="#">C09D139/00</a>
Adhesives	<a href="#">C09J139/00</a>

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## Special rules of classification

Replace: The existing text with the following.

Last place priority rule:

Within each group of this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place.

Classification guidance:

- Documents are preferably classified according to the examples in the documents, not according to general claims, e.g. if the examples only describe compositions of acrylic ester - vinyl pyrrolidone copolymers, but subject matter of the claim is a composition of an acrylic ester copolymer, the document is classified as composition of vinyl pyrrolidone copolymer (C08L39/06).
- Single polymers and their preparation are to be classified in C08F on the basis of sufficient description in the document.

Choice of symbol for copolymer:

- [C08L39/00](#) may also be given when the monomer described therein is in minority in a copolymer. A coating based on a copolymer of acrylic ester and vinyl pyridine, which has a lower content of vinyl pyridine than acrylic ester, would also be classified in [C08L39/08](#). Additional classification in [C08L33/08](#) should be considered.
- In addition, a separate C-Set representing the copolymer that is formed according to the monomers of C08F must also be given.

### **C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L subclass.

- [C08L39/00](#) relates to compositions having two or more polymers.
- The polymer in majority is given a symbol as a base symbol, and the polymers in minority are given symbols as subsequent symbols in the form of C-Sets.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.
- If the polymers are present in equal proportions, the composition is given separate C-Sets according to each polymer. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of subclass [C08L](#).
- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and the related polymer in minority.

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- Compositions containing polymers and an inorganic or non-macromolecular organic additive as compounding agent are classified in the form of C-Sets (i.e. #C8Ka and #C8Lb), if applicable. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of subclasses [C08K](#) and [C08L](#).
- Orthogonal indexing codes C08L 2201/00 - C08L 2555/86 are also given if applicable.

Example 1: A blend of 60 parts vinyl pyrrolidone copolymer (C08L39/06) and 40 parts polyamide (C08L77/00) is classified as (C08L39/06, C08L77/00).

Example 2: A blend of 50 parts vinyl pyrrolidone copolymer (C08L39/06) and 50 parts polyamide (C08L77/00) is classified as (C08L39/06, C08L77/00) and (C08L77/00, C08L39/06).

Example 3: A composition based on vinyl pyrrolidone copolymer and containing CaCO<sub>3</sub> is classified as ([C08K3/26](#), C08L39/06). If this composition contains also a polyamide, then the classification will be (C08L39/06, [C08L77/00](#), C08K3/26).

Example 4: A composition based on a first vinyl pyrrolidone copolymer (C08L39/06) and containing a second vinyl pyrrolidone copolymer, a phenol and silica is classified as (C08L39/06, C08L39/06, C08K5/13, C08K3/36) and C08L2205/025.

Example 5: A composition containing a polyamide in majority, a polyester and a vinyl pyrrolidone copolymer is classified as (C08L77/00, C08L67/00, C08L39/06) and C08L2205/03.

Example 6: Compositions containing two polymers of the same .dot group, for example compositions of two vinyl pyrrolidone copolymers, are characterised by the Indexing Code [C08L2205/025](#). The complete classification for such compositions therefore would be (C08L39/06, [C08L39/06](#)) and C08L2205/025. The same applies for compositions of two polymers only distinguished by physical properties (i.e. molecular weight, density etc.)

### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **Glossary of terms**

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*In this place, the following terms or expressions are used with the meaning indicated:*

Replace: The existing text with the following in the second row of the table.

Elastomeric ethylene propylene (diene) copolymers, e.g. EPR or EPDM	Elastomeric copolymer rubbers defined by similar amounts of ethylene and propene, e.g. 30 - 70 wt.% ethylene and 70 - 30 wt.% propene
---	---

## **C08L 41/00**

### **Definition statement**

*This place covers:*

Replace: The existing text with the following.

Compositions based on homopolymers or copolymers of compounds corresponding to groups [C08F28/00](#), [C08F128/00](#) or [C08F228/00](#).

### **Relationships with other classification places**

Delete: The following text.

Multiple classification

Replace: The text “A01P” with “A01N” as shown below:

Application of macromolecular compositions as biocides, pest-repellants, pest-attractants, or plant growth activity regulators is further classified in subclass [A01N](#).

### **References**

Delete: The entire Limiting references section.

### **Application-oriented references**

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:*

Delete: The following reference from the table.

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Post-polymerisation treatments	<a href="#">C08F6/00</a> - <a href="#">C08F6/28</a>
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## Informative references

Attention is drawn to the following places, which may be of interest for search:

Add: The following three new references to the Informative references table.

Single polymer products from compositions based on polymerisable monomers	<a href="#">C08F10/00</a> - <a href="#">C08F301/00</a>
Coating compositions	<a href="#">C09D141/00</a>
Adhesives	<a href="#">C09J141/00</a>

## Special rules of classification

Replace: The existing text with the following.

Last place priority rule:

Within each group of this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place.

Classification guidance:

- Documents are preferably classified according to the examples in the documents, not according to general claims, e.g. if the examples only describe compositions of acrylic ester vinyl thioethanol, but subject matter of the claim is a composition of an acrylic ester copolymer, the document is classified as composition of acrylic ester vinyl thioethanol copolymer (C08L41/00).
- Single polymers and their preparation are to be classified in C08F on the basis of sufficient description in the document.

Choice of symbol for copolymer:

- [C08L41/00](#) may also be given when the monomer described therein is in minority in a copolymer A composition based on a copolymer of acrylic ester and vinyl thioethanol, which has only a low content of vinyl thioethanol, would be classified in [C08L41/00](#).
- Additional classification in [C08L9/00](#) should be considered.
- In addition, a separate C-Set representing the copolymer that is formed according to the monomers of C08F must also be given.

### C-Sets classification:

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In this group, C-Sets (e.g. #C08La, #C08La(Si), #C08Lb, and #C08Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

- [C08L41/00](#) relates to compositions having two or more polymers.
- The polymer in majority is given a symbol as a base symbol, and the components in minority are given symbols as subsequent symbols in the form of C-Sets.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.
- If the polymers are present in equal proportions, the composition is given separate C-Sets according to each polymer. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of subclass [C08L](#).
- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and the related polymer in minority.
- Compositions containing polymers and an inorganic or non-macromolecular organic additive as compounding agent are classified in the form of C-Sets (i.e. #C08Ka and #C08Lb), if applicable. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of subclasses [C08K](#) and [C08L](#).
- Orthogonal indexing codes C08L 2201/00 - C08L 2555/86 are also given if applicable.

Example 1: A blend of 60 parts acrylic ester vinyl thioethanol copolymer (C08L41/00) and 40 parts polyamide (C08L77/00) is classified as (C08L41/00, C08L77/00).

Example 2: A blend of 50 parts acrylic ester vinyl thioethanol copolymer (C08L41/00) and 50 parts polyamide (C08L77/00) is classified as (C08L41/00, C08L77/00) and (C08L77/00, C08L41/00).

Example 3: A composition based on acrylic ester vinyl thioethanol copolymer and containing CaCO<sub>3</sub> is classified as (C08K3/26, [C08L41/00](#)). If this composition contains also a polyamide, then the classification will be (C08L41/00, [C08L77/00](#), C08K3/26).

Example 4: A composition based on a first acrylic ester vinyl thioethanol copolymer (C08L41/00) and containing a second acrylic ester vinyl thioethanol copolymer, a phenol and silica is classified as (C08L41/00, C08L41/00, C08K5/13, C08K3/36) and in C08L77/00.



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Example 5: A composition containing a polyamide in majority, a polyester and an acrylic ester vinyl thioethanol copolymer is classified as (C08L77/00, C08L67/00, C08L41/00).

Example 6: Compositions containing two polymers of the same .dot group, for example compositions of two acrylic ester vinyl thioethanol copolymer polymers, are characterised by the orthogonal indexing code C08L2205/025. The complete classification for such compositions therefore would be (C08L41/00, C08L41/00) and C08L2205/025. The same applies for compositions of two polymers only distinguished by physical properties (i.e. molecular weight, density etc.)

### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **Glossary of terms**

*In this place, the following terms or expressions are used with the meaning indicated:*

**Replace:** The existing text with the following in the second row of the table.

Elastomeric ethylene propylene (diene) copolymers, e.g. EPR or EPDM	Elastomeric copolymer rubbers defined by similar amounts of ethylene and propene, e.g. 30 - 70 wt.% ethylene and 70 - 30 wt.% propene
---	---

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## C08L 43/00

### Definition statement

*This place covers:*

Replace: The existing text with the following.

Compositions based on homopolymers or copolymers of compounds corresponding to groups [C08F30/00](#), [C08F130/00](#) or [C08F230/00](#).

### Relationships with other classification places

Delete: The following text.

Multiple classification

Replace: The text “A01P” with “A01N” as shown below:

Application of macromolecular compositions as biocides, pest-repellants, pest-attractants, or plant growth activity regulators is further classified in subclass [A01N](#).

### References

Delete: The entire Limiting references section.

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Add: The following five new references to the Informative references table.

Single polymer products from compositions based on polymerisable monomers	<a href="#">C08F10/00</a> - <a href="#">C08F301/00</a>
Compositions of copolymers of ethylene with monomers used in <a href="#">C08L43/00</a> in minority	<a href="#">C08L23/0892</a>
Compositions of copolymers of propene with monomers used in <a href="#">C08L43/00</a> in minority	<a href="#">C08L23/147</a>
Coating compositions	<a href="#">C09D145/00</a>

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Adhesives	C09J145/00
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## Special rules of classification

Replace: The existing text with the following.

Last place priority rule:

Within each group of this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place.

Classification guidance:

- Documents are preferably classified according to the examples in the documents, not according to general claims, e.g. if the examples only describe compositions of acrylic ester - vinyl silane copolymers, but subject matter of the claim is a composition of a acrylic ester copolymer, the document is classified as composition of vinyl silane copolymer (C08L43/04).
- Single polymers and their preparation are to be classified in C08F on the basis of sufficient description in the document.

Choice of symbol for copolymer:

- C08L43/00 may also be given when the monomer described therein is in minority in a copolymer A coating based on a copolymer of acrylic ester and vinyl silane, which has a lower content of vinyl silane than acrylic ester, would also be classified in C08L43/04.
- Additional classification in C08L33/08 should be considered.
- However, if the major comonomer is ethylene or propene, the corresponding copolymer compositions are classified in C08L23/0892 or C08L23/147
- In addition, a separate C-Set representing the copolymer that is formed according to the monomers of C08F must also be given.

### C-Sets classification:

In this group, C-Sets (e.g. #C08La, #C08La(Si), #C08Lb, and #C08Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L subclass.

- C08L43/00 relates to compositions having two or more polymers.
- The polymer in majority is given a symbol as a base symbol, and the components in minority are given symbols as subsequent symbols in the form of C-Sets.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.

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- If the polymers are present in equal proportions, the composition is given separate C-Sets according to each polymer.
- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and the related polymer in minority.
- Compositions containing polymers and an inorganic or non-macromolecular organic additive as compounding agent are classified in the form of C-Sets (i.e. #C8Ka and #C8Lb), if applicable. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of subclasses [C08K](#) and [C08L](#).
- Orthogonal indexing codes C08L 2201/00 - C08L 2555/86 are also given if applicable.

Example 1: A blend of 60 parts vinyl silane copolymer (C08L43/04) and 40 parts polyamide (C08L77/00) is classified as (C08L43/04, [C08L77/00](#)).

Example 2: A blend of 50 parts vinyl silane copolymer (C08L43/04) and 50 parts polyamide (C08L77/00) is classified as (C08L43/04, C08L43/04) and (C08L77/00, C08L43/04).

Example 3: A composition based on vinyl silane copolymer and containing CaCO<sub>3</sub> is classified as (C08K3/26, [C08L43/04](#)). If this composition contains also a polyamide, then it is classified as (C08L43/04, [C08L77/00](#), C08K3/26).

Example 4: A composition based on a first vinyl silane copolymer (C08L43/04) and containing a second vinyl silane copolymer, a phenol and silica is classified as (C08L43/04, C08L43/04, C08K5/13, C08K3/36) and in C08L2205/025.

Example 5: A composition containing a polyamide in majority, a polyester and a vinyl silane copolymer is classified as (C08L77/00, C08L67/00, C08L43/04) and in C08L2205/03.

Example 6: Compositions containing two polymers of the same dot group, for example compositions of two vinyl silane copolymers, are characterised by the Indexing Code [C08L2205/025](#). The complete classification for such compositions therefore would be (C08L43/04, C08L43/04) and C08L2205/025. The same applies for compositions of two polymers only distinguished by physical properties (i.e. molecular weight, density etc.)

### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and

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#C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## Glossary of terms

*In this place, the following terms or expressions are used with the meaning indicated:*

Replace: The text in the second row of the table with the following.

Elastomeric ethylene propylene (diene) copolymers, e.g. EPR or EPDM	Elastomeric copolymer rubbers defined by similar amounts of ethylene and propene, e.g. 30 - 70 wt.% ethylene and 70 - 30 wt.% propene
---	---

## Synonyms and Keywords

Delete: The following text.

Further details of subgroups

C08L43/02

Copolymers of ethylene or propene are not classified here.

C08L43/04

Copolymers of ethylene or propene are not classified here.

## C08L 45/00

### Definition statement

*This place covers:*

Replace: The first paragraph of text with the following.

Compositions based on homopolymers or copolymers of compounds corresponding to groups [C08F32/00](#), [C08F132/00](#), [C08F232/00](#) or [C08F244/00](#).

### Relationships with other classification places

Delete: The following text.

Multiple classification

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**Replace:** The text “A01P” with “A01N” as shown below:

Application of macromolecular compositions as biocides, pest-repellants, pest-attractants, or plant growth activity regulators is further classified in subclass [A01N](#).

## References

### Limiting references

*This place does not cover:*

**Delete:** All EXCEPT the following two rows of the Limiting references table:

Copolymers of cyclic esters of polyfunctional acids	<a href="#">C08L31/00</a>
Copolymers of cyclic anhydrides or imides	<a href="#">C08L35/00</a>

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

**Add:** The following four new rows to the Informative references table.

Single polymer products from compositions based on polymerisable monomers	<a href="#">C08F10/00</a> - <a href="#">C08F301/00</a>
Copolymers of monomers terminated by a heterocyclic ring containing Oxygen	<a href="#">C08L37/00</a>
Coating compositions	<a href="#">C09D145/00</a>
Adhesives	<a href="#">C09J145/00</a>

### Special rules of classification

**Replace:** The existing text with the following.

Last place priority rule:

Within each group of this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place.

Classification guidance:

- Documents are preferably classified according to the examples in the documents, not according to general claims, i.e. if the examples only describe compositions of polynorbornene, but subject matter of the claim

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is a composition of polyolefin, the document is classified as composition of polynorbornene (C08L45/00).

- Additional monomers present in the main component can be characterised by a symbol of C08F
- Single polymers and their preparation are to be classified in C08F on the basis of sufficient description in the document.

Choice of symbol for copolymer:

- A composition of Copolymers is given the symbol of the major component, except if there is a lower symbol which specifies the comonomer in minority (see also last place rule), e.g. ethylene norbornene copolymers (ethylene in majority) would be classified in C08L23/0823, and not in C08L45/00, but ethylene norbornene (norbornene in majority) would be classified in C08L45/00, not in C08L23/08
- In addition, a separate C-Set representing the copolymer that is formed according to the monomers of C08F must also be given.

### **C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C08La(Si), #C08Lb, and #C08Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L subclass.

- C08L45/00 relates to compositions having two or more polymers
- The polymer in majority is given a symbol as a base symbol, and the components in minority are given symbols as subsequent symbols in the form of C-Sets.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.
- If the polymers are present in equal proportions, the composition is given separate C-Sets according to each polymer.
- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and the related polymer in minority.
- Compositions containing polymers and an inorganic or non-macromolecular organic additive as compounding agent are classified in the form of C-Sets (i.e. #C08Ka and #C08Lb). The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of subclasses C08K and C08L.
- Orthogonal indexing codes C08L 2201/00 - C08L 2555/86 are also given if applicable.

Example 1: A composition based on polynorbornene and containing CaCO<sub>3</sub> is classified as (C08K3/26, C08L45/00). If this composition contains also a polyamide, then the classification will be (C08L45/00, C08L77/00, C08K3/26).

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Example 2: A blend of 50 parts poly acetylene (C08L49/00) and 50 parts polyamide (C08L77/00) is classified as (C08L49/00, C08L77/00) and (C08L77/00, C08L49/00).

Example 3: A composition containing a polyamide in majority, a polyester and a polynorbornene is classified as (C08L77/00, C08L67/00, C08L45/00) and in C08L2205/03.

Example 4: Compositions containing two polymers of the same dot group, for example compositions of two coumarone-indene polymers, are characterised by the Indexing Code C08L2205/025. The complete classification for such compositions therefore would be (C08L45/00, C08L45/00) and C08L2205/025. The same applies for compositions of two polymers only distinguished by physical properties (i.e. molecular weight, density etc.)

### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **Glossary of terms**

*In this place, the following terms or expressions are used with the meaning indicated:*

Replace: The text in the second row of the table with the following.

EPR or EPDM, elastomeric ethylene propylene (diene) copolymers	Elastomeric copolymer rubbers defined by similar amounts of ethylene and propene, i.e. 30 - 70 wt.% ethylene and 70 - 30 wt.% propene
--	---

## **C08L 49/00**

### **Definition statement**

Replace: The existing text with the following.

*This place covers:*

Compositions based on homopolymers or copolymers of compounds corresponding to groups [C08F38/00](#), [C08F138/00](#) and [C08F238/00](#).



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## Relationships with other classification places

Delete: The following text.

Multiple classification

Replace: The text “A01P” with “A01N” as shown below:

Application of macromolecular compositions as biocides, pest-repellants, pest-attractants, or plant growth activity regulators is further classified in subclass [A01N](#).

## References

Delete: The entire Limiting references section.

## Informative references:

*Attention is drawn to the following places, which may be of interest for search:*

Add: The following three new references to the Informative references table.

Single polymer products from compositions based on polymerisable monomers	<a href="#">C08F</a>
Homopolymers of acetylene derivatives	<a href="#">C08F138/00</a>
Copolymers of acetylene derivatives	<a href="#">C08F238/00</a>

## Special rules of classification

Replace: The existing text with the following.

Last place priority rule:

Within each group of this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place.

Classification guidance:

- Documents are preferably classified according to the examples in the documents, not according to general claims, i.e. if the examples only describe compositions of polyacetylene, but subject matter of the claim is a composition of polyolefin, the document is classified as composition of polyacetylene (C08L49/00).

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- Single polymers and their preparation are to be classified in C08F on the basis of sufficient description in the document.

Choice of symbol for copolymer:

- A composition of Copolymers is given the symbol of the major component, except if there is a lower class which specifies the comonomer in minority (see also last place rule), i.e. ethylene copolymers (ethylene comonomer in majority) would be classified in [C08L23/0807](#), and not in [C08L49/00](#), but ethylene acetylene (acetylene in majority) would be classified in [C08L49/00](#), not in [C08L23/08](#).
- In addition, a separate C-Set representing the copolymer that is formed according to the monomers of C08F must also be given.

### **C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C08La(Si), #C08Lb, and #C08Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L subclass.

- [C08L49/00](#) relates to compositions having two or more polymers.
- The polymer in majority is given a symbol as a base symbol, and the components in minority are given symbols as subsequent symbols in the form of C-Sets.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.
- If the polymers are present in equal proportions, the composition is given separate C-Sets according to each polymer.
- In the case that several polymers can be in majority, separate C-Sets should be made based on each polymer in majority and the related polymer in minority.
- Compositions containing polymers and an inorganic or non-macromolecular organic additive as compounding agent are classified in the form of C-Sets (i.e. #C08Ka and #C08Lb), if applicable. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of subclasses [C08K](#) and [C08L](#).
- Orthogonal indexing codes C08L 2201/00 - C08L 2555/86 are also given if applicable.

Example 1: A blend of 60 parts poly-acetylene ([C08L49/00](#)) and 40 parts polyamide ([C08L77/00](#)) is classified in ([C08L49/00](#), [C08L77/00](#)).

Example 2: A blend of 50 parts poly acetylene ([C08L49/00](#)) and 50 parts polyamide ([C08L77/00](#)) is classified as ([C08L49/00](#), [C08L49/00](#)) and ([C08L77/00](#), [C08L49/00](#)).

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Example 3: A composition based on polyacetylene and containing CaCO<sub>3</sub> is classified as (C08K3/26, C08L49/00). If this composition contains also a polyamide, then the classification will be (C08L49/00, C08L77/00, C08K3/26).

Example 4: A composition based on a first polyacetylene (C08L49/00) and containing a second polyacetylene, a phenol and silica is classified as (C08L49/00, C08L49/00, C08K5/13, C08K3/36) and in C08L2205/03.

Example 5: A composition containing a polyamide in majority, a polyester and a polyacetylene is classified as (C08L77/00, C08L67/00, C08L49/00) and in C08L2205/03.

Example 6: Compositions containing two polymers of the same dot group, for example compositions of two polyacetylenes, are characterised by the Indexing Code C08L2205/025. The complete classification for such a compositions therefore would be (C08L49/00, C08L49/00) and C08L2205/025. The same applies for compositions of two polymers only distinguished by physical properties, e.g. molecular weight or density.

### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

### **Glossary of terms**

*In this place, the following terms or expressions are used with the meaning indicated:*

**Replace:** The second row of text with the following.

Elastomeric ethylene propylene (diene) copolymers, e.g. EPR or EPDM	Elastomeric copolymer rubbers defined by similar amounts of ethylene and propene, i.e. 30 - 70 wt.% ethylene and 70 - 30 wt.% propene
---	---

## **C08L 51/00**

### **Definition statement**

*This place covers:*

**Replace:** The existing text with the following.

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Compositions based on graft polymers corresponding to groups  
[C08F251/00](#) - [C08F292/00](#)

## References

### Limiting references

*This place does not cover:*

Delete: All rows EXCEPT the following from the Limiting references table.

Compositions comprising ABS polymers	<a href="#">C08L55/02</a>
--------------------------------------	---------------------------

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Delete: The following reference from the Informative references table.

Composition comprising ABS polymers	<a href="#">C08L55/02</a>
-------------------------------------	---------------------------

Add: The following two new references to the Informative references table.

Compositions comprising block or graft copolymers containing polysiloxane sequences, not obtained by reaction of C=C monomer(s) onto polysiloxane	<a href="#">C08L83/10</a>
Compositions comprising graft polymers obtained by interreacting polymers in the absence of monomers, e.g. graft polymer of <a href="#">C08G81/00</a> - <a href="#">C08G81/028</a>	<a href="#">C08L87/005</a>

### Special rules of classification

Replace: The existing text with the following.

For compositions comprising grafted rubbers, several groups are given if the rubber is specific.

If the rubber is [EPR](#): [C08L51/04](#) and [C08L51/06](#)

If the rubber is [EPDM](#), [SBR](#) or [acrylate rubber](#): [C08L51/04](#) and [C08L51/003](#)

#### C-Sets classification:

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In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 53/00**

### **Definition statement**

*This place covers:*

Replace: The existing text with the following.

Compositions based on block polymers corresponding to groups [C08F293/00](#) - [C08F297/08](#)

### **References**

Delete: The entire Limiting references section.

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Add: The following two new references to the Informative references table.

Compositions comprising block or graft copolymers containing polysiloxane sequences, not obtained by reaction of C=C monomer(s) onto polysiloxane	<a href="#">C08L83/10</a>
Compositions comprising block polymers obtained by interreacting polymers in the absence of monomers, e.g. block polymer of <a href="#">C08G81/00</a> - <a href="#">C08G81/028</a>	<a href="#">C08L87/005</a>

### **Special rules of classification**

Replace: The existing text with the following.

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[C08L53/005](#) and [C08L53/025](#) cover compositions comprising modified block polymers. In particular, compositions comprising hydrogenated styrene-diene block copolymers are classified in [C08L53/025](#).

### **C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L subclass.

### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 55/00**

### **References**

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Compositions comprising a minor amount of homopolymers or copolymers, obtained by polymerisation reactions only involving carbon-to-carbon unsaturated bonds, not provided for in groups <a href="#">C08L23/00</a> - <a href="#">C08L53/00</a>	<a href="#">C08L55/00</a> - <a href="#">C08L55/04</a>
Polymerisation by the diene synthesis	<a href="#">C08F2/60</a>
ABS polymers per se	<a href="#">C08F279/04</a>
Macromolecular compounds obtained by polymerising monomers on to polymers modified by introduction of aliphatic unsaturated end or side groups	<a href="#">C08F290/00</a> - <a href="#">C08F290/14</a>
Corresponding coatings and adhesives	<a href="#">C09D155/00</a> - <a href="#">C09D155/04</a> , <a href="#">C09J155/00</a> - <a href="#">C09J155/04</a>

### **Special rules of classification**

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Replace: The existing text with the following.

**C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

**C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## C08L 57/00

### Relationships with other classification places

Replace: The existing text with the following.

The use of C08L57/00 - C08L57/12 symbols should be avoided by classifying the specific examples, whenever practicable, in the corresponding groups of C08L7/00 - C08L55/00.

### Special rules of classification

Replace: The existing text with the following.

Classification guidance:

- Classification should be made based on the examples, but not the general claims in the documents. The use of main group symbols should be avoided if there are subgroups which cover the subject matter to be classified.

**C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

**C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

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## **C08L 59/00**

### **Definition statement**

*This place covers:*

Replace: The existing text with the following.

Composition based on polyacetals, which are addition polymers of aldehydes or cyclic oligomers thereof or of ketones and correspond to groups [C08G2/00](#) - [C08G16/00](#) and their subgroups.

### **Special rules of classification**

Replace: The existing text with the following.

Classification guidance:

- When a document specifies polyacetal in general, or both homopolyacetals and copolyacetals, then main group [C08L59/00](#) is used; only when the document specifically mentions homopolyacetals or copolyacetals, then [C08L59/02](#) and [C08L59/04](#) respectively are used.
- Classification should be made only based on the specific examples disclosed in the document.

#### **C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

#### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 61/00**

### **Definition statement**

*This place covers:*

Delete: The text “Composition of this group covers:”

Replace: The text “Coating compositions...” with the following.



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Compositions based on condensation polymers of

Replace: The symbol “C08G16/06” with “C08G16/00” in the last bulleted item.

## References

### Limiting references

*This place does not cover:*

Delete: The following reference from the Limiting references table.

Condensation polymers of aldehydes or ketones with polynitriles	<a href="#">C08G69/38</a>
---	---------------------------

### Special rules of classification

Replace: The existing text with the following.

#### **C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C08La(Si), #C08Lb, and #C08Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

#### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C08Lz, #C09Dz, and #C09Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## C08L 63/00

### Definition statement

*This place covers:*

Replace: The existing text with the following.

All compositions comprising epoxy resins and optionally other polymeric or non-polymeric compounds. The emphasis is on the epoxy resins.

Delete: The entire Relationships with other classification places section.

## References

Delete: The entire Limiting references section.

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## Special rules of classification

Replace: The existing text with the following.

### C-Sets classification:

In this group, C-Sets (e.g. #C08La, #C08La(Si), #C08Lb, and #C08Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

Example 1: A blend of 60 parts non-specified epoxy resin (C08L63/00) and 40 parts polyamide (C08L77/00) is classified as (C08L63/00, C08L77/00).

Example 2: A blend of 50 parts non-specified epoxy resin (C08L63/00) and 50 parts Novolak epoxy resin (C08L63/04) is classified as (C08L63/00, C08L63/04), (C08L63/04, C08L63/00) and C08L2205/02.

Example 3: A composition based of a polyepoxide and containing CaCO<sub>3</sub> is classified as (C08K3/26, C08L63/00). If this composition contains also a polyamide, then the classification will be (C08L63/00, C08L77/00, C08K3/26).

### C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C08Lz, #C09Dz, and #C09Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## C08L 65/00

### Definition statement

*This place covers:*

Replace: The existing text with the following.

Compositions based on macromolecular compounds obtained by reactions forming a carbon-carbon bond in the main chain other than polymers obtained by reactions only involving the polyaddition of carbon-to-carbon unsaturated bonds (wherein in the latter case the reactive carbon-carbon group stays intact without cleavage of fragments) corresponding to groups C08G61/00 - C08G61/12. The compositions comprise either other macromolecular compounds and/or other ingredients.

The use of such macromolecular substances as compounding ingredients is included, as well.

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## References

### Limiting references

*This place does not cover:*

Replace: The existing Limiting references table with the following.

Compositions of rubbers, of macromolecular compounds obtained by reactions involving only carbon to carbon unsaturated bonds	C08L7/00 - C08L57/00
Condensation polymers of aldehydes or ketones	C08L61/00

### Application-oriented references:

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:*

Add: The following new reference to the Application-oriented references table.

Artificial filaments or fibres	D01F
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### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Add: The following new reference to the Informative references table.

Treatment of textiles	D06L - D06Q
-----------------------	-------------

### Special rules of classification

Replace: The existing text with the following.

Classification guidance:

- If a composition comprises a component which is a condensation polymer containing two or more different types of linkages, it is classified according to the linkage present in the greatest amount.
- If such a component is an addition polymer containing two or more monomers, it is classified according to the monomer present in the greatest amount.
- This group follows the special rules of classification outlined at subclass C08L.

### C-Sets classification:

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In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

**C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

**C08L 67/00****Definition statement**

*This place covers:*

Replace: The existing text with the following.

Compositions based on polymers of compounds corresponding to groups [C08G63/00](#)

**References****Limiting references**

*This place does not cover:*

Delete: The following two rows from the Limiting references table.

Coating compositions of polyesters	<a href="#">C09D167/00</a>
Adhesive compositions of polyesters	<a href="#">C09J167/00</a>

**Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Delete: The following reference from the Informative references table.

Use of inorganic or non-macromolecular organic substances and compounding ingredients	(C08K3/00, C08L67/00) - (C08K3/00, C08L67/08) (C08K5/00, C08L67/00) - (C08K5/00, C08L67/08)
---	--

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Add: The following two new references to the Informative references table.

Coating compositions of polyesters	<a href="#">C09D167/00</a>
Adhesive compositions of polyesters	<a href="#">C09J167/00</a>

Insert: The following new Special rules of classification section.

### **Special rules of classification**

#### **C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

#### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 69/00**

### **Definition statement**

*This place covers:*

Replace: The existing text with the following.

Compositions based on polymers of compounds corresponding to groups  
[C08G64/00](#)

### **References**

Delete: The entire Limiting references section.

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Delete: The following row from the Informative references table.

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Use of inorganic or non-macromolecular organic substances and compounding ingredients	(C08K 3/00, C08L 69/00(B)), ( C08K 5/00, C08L 69/00(B))
---	---

Add: The following two new rows to the Informative references table.

Coating compositions of polycarbonates	C09D169/00
Adhesive compositions of polycarbonates	C09J169/00

Insert: The following new Special rules of classification section.

### **Special rules of classification**

#### **C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

#### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 71/00**

### **Definition statement**

*This place covers:*

Replace: The existing text with the following.

Compositions based on polymers of polyalkylenes oxides, polyethers derived from hydroxy compounds, e.g. PPO

Insert: The following new Special rules of classification section.

### **Special rules of classification**

#### **C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

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**C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 73/00**

### **Definition statement**

*This place covers:*

Replace: The existing text with the following.

Compositions based on polyketones made by reaction of carbon monoxide with unsaturated aliphatic compound.

### **References**

Delete: The entire Limiting references section.

Insert: The following new Special rules of classification section.

#### **Special rules of classification**

**C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L subclass.

**C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 75/00**

### **Definition statement**

*This place covers:*

Replace: The existing text with the following.

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Compositions based on polymers of compounds corresponding to groups  
[C08G18/00](#) or [C08G71/00](#)

## References

Delete: The entire Limiting references section.

## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Add: The following two new rows to the Informative references table.

Coating compositions of polyurethanes or polyureas	<a href="#">C09D175/00</a>
Adhesive compositions of polyurethanes or polyureas	<a href="#">C09J175/00</a>

## Special rules of classification

Replace: The existing text with the following.

### C-Sets classification:

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L subclass.

### C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## [C08L 77/00](#)

### Definition statement

*This place covers:*

Replace: The first line of the Definition statement with the following.

Compositions based on polyamides derived from

### Special rules of classification

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Replace: The existing text with the following.

Group [C08L77/10](#) takes precedence over [C08L77/02](#), C08L77/04 and [C08L77/06](#).

**C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

**C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 79/00**

### **Special rules of classification**

Replace: The existing text with the following.

**C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

**C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 81/00**

### **Definition statement**

*This place covers:*

Replace: The existing text with the following.

Compositions based on polymers corresponding to group [C08G75/00](#).

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Insert: The following new Special rules of classification section.

### **Special rules of classification**

#### **C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L subclass.

#### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 83/00**

### **Definition statement**

*This place covers:*

Replace: The existing text with the following.

Compositions comprising macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing silicon with or without sulfur, nitrogen, oxygen or carbon only (Si-based macromolecular compounds in the sense of C08G77/00 or “Si-based polymers” here under), e.g.

- polysilicates (corresponding to group [C08G77/02](#)),
- polysiloxanes (corresponding to group [C08G77/04](#)),
- block- or graft-copolymers containing polysiloxane sequences (corresponding to group [C08G77/42](#)) or
- polymers in which at least two but not all the silicon atoms are connected by linkages other than oxygen atoms (corresponding to group [C08G77/48](#));

Compositions of derivatives of such polymers.

### **Relationships with other classification places**

Replace: In the second paragraph, the existing text with the following.

Coating compositions comprising polymers containing Si in the main chain are classified in [C09D183/00](#) and adhesives based on polymers containing Si in the main chain are classified in [C09J183/00](#).

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## Special rules of classification

Replace: The existing text with the following.

The following symbols are given if applicable:

[C08G77/70](#) for every document which uses the MDTQ nomenclature in the claims or the examples;

[C08G77/80](#) for polysiloxanes having aromatic substituents such as phenyl side groups.

### **C-Sets classification:**

In this group, multiple C-Sets, specifically C-Sets #C8La, #C8Lb, #C8La(Si), #C8La(Si)<sub>2</sub>, #C8Lb(Si) and #C8Lb(Si)<sub>2</sub>, are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" of following places:

- See #C8La, #C8Lb, #C8La(Si), and #C8Lb(Si) in C08L
- See #C8La(Si)<sub>2</sub> and #C8Lb(Si)<sub>2</sub> present in this group below.

### **C-Sets statement: #C8La(Si)<sub>2</sub>, #C8Lb(Si)<sub>2</sub>**

- C-Sets #C8La(Si)<sub>2</sub> and #C8Lb(Si)<sub>2</sub> are a special use of #C8La and #C8Lb for composition comprising two or more Si-based polymers in the sense of C08G77/00.
- In groups C08L83/02 - C08L83/16, the feature relating to a composition comprising one Si-based polymer in majority with one Si-based polymer in minority optionally with non Si-based polymer is classified in the form of C-Sets.
- In #C8La(Si)<sub>2</sub> and #C8Lb(Si)<sub>2</sub>, the base symbol, representing the polymer in majority, is taken from the groups [C08L83/02 - C08L83/16](#), whereas the subsequent symbol(s) representing the Si-based polymer(s) in minority is (are) taken from the group [C08L83/00](#) and optionally from the groups [C08L1/00 - C08L101/16](#) for any other polymer. The second and each further Si-based macromolecular compound(s) is (are) each represented as subsequent symbol by the symbol C08L83/00.
- #C8Lb(Si)<sub>2</sub> further includes subsequent symbols, representing compound(s) used as an additive(s), from the groups [C08K3/00 - C08K13/08](#).
- In addition to C-Sets, one or more additional symbols are allocated, which are selected from the range C08G77/02 - C08G77/62 corresponding to each of the Si-based macromolecular compound components detailed in the C-Set.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.

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**C-Sets syntax rules:**

- Each of C-Set should contain at least two symbols of C08L.
- C-Sets of #C8La(Si)2 shall contain at least two symbols.
- C-Sets of #C8Lb(Si)2 shall contain at least three symbols
- While duplicate symbols are allowed in these C-Sets, only one symbol selected from the range C08L83/02 - C08L83/16 is permitted per C-Set.
- Breakdown codes are not allowed either as base or as subsequent symbols.
- The order of C08L symbols in C-Sets of #C8La(Si)2 and #C8Lb(Si)2 is relevant as it reflects the relative amounts of the polymers. The C08K symbols for the additives always appear after the symbols for the polymers (C08L). The order of C08K symbols of additives is not relevant if there is more than one additive in the composition.

**C-Sets examples:**

In this group, C-Sets #C8La, #C8La(Si), #C8La(Si)2, #C8Lb, #C8Lb(Si), and #C8Lb(Si)2 are applicable for classifications of compositions comprising one or more Si-based macromolecular compound(s). C-Sets examples according to these C-Sets rules are present as follows:

- #C8La

Example 1: A composition comprising, in descending amounts by weight, an epoxy-substituted polysiloxane in accordance with C08G77/14 and a polyester in accordance with C08G63/02 is classified as (C08L83/06, C08L67/02) and in C08G77/14 (ADD).

Example 2: A composition comprising, in descending amounts by weight, a polyester in accordance with C08G63/02 and an alkoxy-substituted polysiloxane in accordance with C08G77/18 is classified as (C08L67/02, C08L83/04) and in C08G77/18 (ADD).

- #C8La(Si)

Example 3: A composition comprising, in descending amounts by weight, a polyester in accordance with C08G63/02, an amine-substituted polysiloxane in accordance with C08G77/26 and an epoxy-substituted polysiloxane in accordance with C08G77/14 is classified as (C08L67/02, C08L83/08, C08L83/00) and in C08G77/14(ADD) and C08G77/26 (ADD).

- #C8La(Si)2

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Example 4: A composition comprising, in descending amounts by weight, a vinyl-substituted polysiloxane in accordance with C08G77/20 and a polysiloxane bearing Si-H groups in accordance with C08G77/12 is classified as (C08L83/04, C08L83/00) and in C08G77/12 (ADD) and C08G77/20 (ADD).

Example 5: A composition comprising, in descending amounts by weight, a vinyl-substituted polysiloxane in accordance with C08G77/20, an epoxy-substituted polysiloxane in accordance with C08G77/14 and a polysiloxane bearing Si-H groups in accordance with C08G77/12 is classified as (C08L83/04, C08L83/00, C08L83/00) and in C08G77/12 (ADD), C08G77/14 (ADD) and C08G77/20 (ADD).

Example 6: A composition comprising, in descending amounts by weight, a silanol-substituted polysiloxane in accordance with C08G77/16, a polysiloxane bearing Si-H groups in accordance with C08G77/12 and a polyester in accordance with C08G63/02 is classified as (C08L83/04, C08L83/00, C08L67/02) and in C08G77/12(ADD) and C08G77/16 (ADD).

Example 7: A composition comprising, in descending amounts by weight, a halogen group-bearing polysiloxane in accordance with C08G77/24, a polyester in accordance with C08G63/02 and an epoxy-substituted polysiloxane in accordance with C08G77/14 is classified as (C08L83/08, C08L67/02, C08L83/00) and in C08G77/04 (ADD) and C08G77/24 (ADD).

- #C8Lb:

Example 8: A composition comprising, in descending amounts by weight, an epoxy-substituted polysiloxane in accordance with C08G77/14 and a polyester in accordance with C08G63/02 and a resorcinol phosphate is classified as (C08L83/06, C08L67/02, C08K5/523) and in C08G77/14 (ADD).

Example 9: A composition comprising, in descending amounts by weight, a polyester in accordance with C08G63/02 and an alkoxy-substituted polysiloxane in accordance with C08G77/18 and silica is classified as (C08L67/02, C08L83/04, C08K3/36) and in C08G77/18 (ADD).

- #C8Lb(Si):

Example 10: A composition comprising, in descending amounts by weight, a polyester in accordance with C08G63/02, an amine-substituted polysiloxane in accordance with C08G77/26 and an epoxy-substituted polysiloxane in accordance with C08G77/14 and carbon black is classified as (C08L67/02, C08L83/08, C08L83/00, C08K3/04) and in C08G77/14 (ADD) and C08G77/26 (ADD).

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- #C8Lb(Si)2

Example 11: A composition comprising, in descending amounts by weight, a vinyl-substituted polysiloxane in accordance with C08G77/20 and a polysiloxane bearing Si-H groups in accordance with C08G77/12 and silica is classified as (C08L83/04, C08L83/00, C08K3/36) and in C08G77/12 (ADD) and C08G77/20 (ADD).

Example 12: A composition comprising, in descending amounts by weight, a vinyl-substituted polysiloxane in accordance with C08G77/20, an epoxy-substituted polysiloxane in accordance with C08G77/14 and a polysiloxane bearing Si-H groups in accordance with C08G77/12 and silica is classified as (C08L83/04, C08L83/00, C08L83/00, C08K3/36) and in C08G77/12 (ADD), C08G77/14 (ADD) and C08G77/20 (ADD).

Example 13: A composition comprising, in descending amounts by weight, a silanol-substituted polysiloxane in accordance with C08G77/16, a polysiloxane bearing Si-H groups in accordance with C08G77/12 and a polyester in accordance with C08G63/02 and a phenol classified as (C08L83/04, C08L83/00, C08L67/02, C08K5/13) and in C08G77/12 (ADD) and C08G77/16 (ADD).

Example 14: A composition comprising, in descending amounts by weight, a halogen group-bearing polysiloxane in accordance with C08G77/24, a polyester in accordance with C08G63/02 and an epoxy-substituted polysiloxane in accordance with C08G77/14 and a phenol is classified as (C08L83/08, C08L67/02, C08L83/00, C08K5/13) and in C08G77/14 (ADD) and C08G77/24 (ADD).

#### **C-Sets searches:**

Since multiple C-Sets classifications are applicable to this group C-Sets, search queries may be made according to C-Sets classification rules described in C08L and this group above, as well as other related subclasses, e.g. C09D and C09J. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 83/06**

### **References**

### **Limiting references**

*This place does not cover:*

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Replace: The text with the following in the Limiting references table.

Compositions of blok or graft copolymers containing polysiloxane sequences and containing polyether sequences	C08L83/12
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Insert: The following new Special rules of classification section.

### **Special rules of classification**

This group does not cover Si-OH and Si-OR groups that are classified in C08L83/04.

## **C08L 85/00**

### **Definition statement**

*This place covers:*

Replace: The existing text with the following.

Compositions comprising macromolecular compounds corresponding to groups [C08G79/00](#), e.g. containing Al or Sn.

Insert: The following new Special rules of classification section.

### **Special rules of classification**

#### **C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C08La(Si), #C08Lb, and #C08Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L.

#### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C08Lz, #C09Dz, and #C09Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 87/00**

### **Definition statement**

*This place covers:*

Replace: The existing text with the following.

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Compositions comprising unspecific macromolecular compounds, obtained by step polymerisation reactions and addition polymerization reactions.

## Special rules of classification

Replace: The existing text with the following.

### **C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L.

### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## C08L 89/00

### Relationships with other classification places

Delete: The following text from the Relationships with other classification places section.

#### Multiple classification

Please refer to the corresponding part in C08H.

### References

Delete: The entire Limiting references section.

Insert: The following new Application-oriented references section.

#### **Application-oriented references:**

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:*

Foodstuff preparations	A23J3/00
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## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Replace: The existing Informative references table with the following.

Proteins or derivatives thereof per se	C08H1/00 - C08H1/06
Composition of natural macromolecular compounds or of derivatives thereof not provided for in groups C08L89/00 - C08L97/00, e.g. flours	C08L99/00
Coating composition comprising proteins or protein derivatives	C09D189/00 - C09D189/06
Adhesive or binder composition comprising proteins or protein derivatives	C09J189/00 - C09J189/06

## Special rules of classification

Replace: The existing text with the following.

Reference A23J3/00 is non-limiting in the subclass/main group/subgroup C08L89/00. CPC will be updated/corrected once this inconsistency is resolved in IPC.

Last place priority rule:

Within each sub group of this group, in the absence of an indication to the contrary, classification is made in the last appropriate place.

Classification guidance:

- The subject-matter disclosed in both the claims and the examples of a patent document is to be classified.
- Hydrogels are classified in C08J3/075 and C08J2300/00 - C08J2399/00 and the corresponding C08L.

Example: Hydrogel of collagen is classified in C08L89/06, C08J3/075 and C08J2389/00.

### **C-sets classifications:**

In this group, C-Sets (e.g. #C08La, #C08La(Si), #C08Lb, and #C08Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L.

- The compositions of this group are classified according to the relative proportions by weight percentage of the macromolecular constituents.

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- If all the constituents are present in equal proportions, the composition is classified according to each of these constituents.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.
- Compositions containing a proteins or derivatives thereof and an inorganic or non-macromolecular organic additive as compounding agent are classified in the form of C-Sets (i.e. #C8Ka and #C8Lb). The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of subclasses [C08K](#) and [C08L](#).

Example 1: Composition consisting of gelatine and glass fibres (filler) is classified in [C08L89/06](#), [C08K7/14](#) and as ([C08K7/14](#), [C08L89/06](#)).

### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 91/00**

### **Relationships with other classification places**

Delete: The following text from the Relationships with other classification places section.

Multiple classification

### **References**

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Vulcanised oils; e.g. factice	<a href="#">C08H3/00</a>
Coating composition comprising oils, fats and waxes	<a href="#">C09D191/00</a> - <a href="#">C09D191/08</a>
Adhesive or binder composition comprising oils, fats and waxes	<a href="#">C09J191/00</a> - <a href="#">C09J191/08</a>

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## Special rules of classification

Replace: The existing text with the following.

Last place priority rule:

Within each sub group of this group, in the absence of an indication to the contrary, classification is made in the last appropriate place.

Classification guidance:

- The subject-matter disclosed in both the claims and the examples of a patent document is to be classified.
- This group follows the special rules of classification in subclass C08L.

### C-Sets classification:

In this group, C-Sets (e.g. #C08La, #C08La(Si), #C08Lb, and #C08Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L.

Example 1: A composition consisting of mineral wax and glass fibres (filler) is classified as (C08K7/14, C08L91/08), in C08L91/08 and C08K7/14.

### C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C08Lz, #C09Dz, and #C09Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## C08L 93/00

### Definition statement

*This place covers:*

Replace: The existing text with the following.

Compositions comprising natural resins, e.g. shellac, rosin and their derivatives corresponding to the groups: C09F1/00

### Relationships with other classification places

Delete: The following text from the Relationships with other classification places section.

Multiple classification

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## References

### Limiting references

*This place does not cover:*

Replace: The existing Limiting references table with the following.

Compositions of polysaccharides	C08L1/00 - C08L5/00
Compositions of natural rubber	C08L7/00

Insert: The following new Informative references section.

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Coating composition comprising natural resins	C09D193/00 - C09D193/04
Purification or chemical modification of natural resins	C09F1/00
Adhesive or binder composition comprising natural resins	C09J193/00 - C09J193/04

### Special rules of classification

Replace: The existing text with the following.

Last place priority rule:

Within each sub group of this group, in the absence of an indication to the contrary, classification is made in the last appropriate place.

Classification guidance:

- The subject-matter disclosed in both the claims and the examples of a patent document is to be classified.
- This group follows the special rules of classification in subclass C08L.

#### **C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C08La(Si), #C08Lb, and #C08Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L.

Example 1: A composition consisting of shellac and glass fibres (filler) is classified in C08L93/02 and C08K7/14 as well as (C08K7/14, C08L93/02).

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**C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 95/00**

### **Relationships with other classification places**

Replace: The existing text with the following.

Relationship with other subclasses of class C08 and C09.

Attention is drawn to the corresponding paragraph after the C08L title.

C08K encompass the use of ingredients for bituminous materials.

B03B, B32B, C04B, C09D, C09J, C09K, D06N, E01C and E04D encompass applications of bituminous compositions.

C10C and C10G encompass the production or working-up of (pure) bitumen.

The rules of all these subclasses should be followed for reasons of consistency, nevertheless additional multiple classification might be mandatory.

### **Special rules of classification**

Replace: The existing text with the following.

**C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C08La(Si), #C08Lb, and #C08Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in C08L.

- In addition to the C-sets, the relevant orthogonal indexing Code (C08L2555/00 - C08L2555/86) characterising essential features such as constituents and/or parameters should also be given.

Example 1: A blend of 80 parts bitumen and 20 parts polyethylene is classified as (C08L95/00, C08L23/06) and C08L2555/86.

Example 2: A composition of 5 parts bitumen and 95 parts stone aggregate is classified as (C08K3/36, C08L95/00), in C08L95/00 and C08L2555/52.

Example 3: A composition of 4 parts bitumen, 1 part of polyethylene and 95 parts stone aggregate is classified as (C08L95/00, C08L23/06, C08K3/36), in C08L2555/52 and C08L2555/86.

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Example 4: A roofing felt comprising an undefined bitumen is classified in D06N5/00. A roofing felt comprising bitumen having a certain needle penetration is classified in D06N5/00 and C08L95/00. A roofing felt comprising bitumen and vegetable oil is classified in D06N5/00, as (C08K5/103, C08L95/00), in C08L95/00 and in C08L2555/64.

Example 5: A pavement structure comprising an undefined asphalt (an undefined mixture of bitumen and aggregate) is classified in E01C7/18. A pavement structure comprising a designed asphalt mixture (a mixture of bitumen and stone aggregate obtained by applying a defined mixture design method) is classified in E01C7/18, as (C08K3/36, C08L85/00), in C08L95/00, C08L2555/10 and C08L2555/52.

### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

## **C08L 97/00**

### **Relationships with other classification places**

Replace: All of the existing text with the following.

Covalently or ionically crosslinked gels are classified in **C08H**.

### **References**

#### **Limiting references**

*This place does not cover:*

Replace: The entire existing Limiting references table with the following.

Compositions of polysaccharides	C08L1/00 - C08L5/00
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Insert: The following new Informative references section.

#### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

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Composition of natural macromolecular compounds or of derivatives thereof not provided for in groups <a href="#">C08L89/00</a> - <a href="#">C08L97/00</a> , e.g. flours	<a href="#">C08L99/00</a>
Macromolecular compounds derived from lignin	<a href="#">C08H6/00</a>
Macromolecular compounds derived from lignocellulosic materials	<a href="#">C08H8/00</a>
Coating composition comprising lignin-containing materials	<a href="#">C09D197/00</a> - <a href="#">C09D197/02</a>
Adhesive or binder composition comprising lignin-containing materials	<a href="#">C09J197/00</a> - <a href="#">C09J197/02</a> .

## Special rules of classification

Replace: The existing text with the following.

Last place priority rule:

Within each sub group of this group, in the absence of an indication to the contrary, classification is made in the last appropriate place.

Classification guidance:

- The subject-matter disclosed in both the claims and the examples of a patent document is to be classified.
- Hydrogels are classified in [C08J3/075](#) and [C08J2300/00](#) - [C08J2399/00](#) and the corresponding [C08L](#).

Example: Hydrogel of lignocellulose is classified in [C08L97/02](#), [C08J3/075](#) and [C08J2397/02](#).

### C-Sets classification:

In this group, C-Sets (e.g. [#C08La](#), [#C08La\(Si\)](#), [#C08Lb](#), and [#C08Lb\(Si\)](#)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the "Special rules of classification" in [C08L](#).

- Compositions containing a lignin-containing material and an inorganic or non-macromolecular organic additive as compounding agent are classified in the form of C-Sets (i.e. [#C08Ka](#) and [#C08Lb](#)), if applicable. The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of subclasses [C08K](#) and [C08L](#).

Example 1: A composition consisting of lignocellulose and glass fibres (filler) is classified in [C08L97/02](#) and [C08K7/14](#), as well as ([C08K7/14](#), [C08L97/02](#)).

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**C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

**C08L 99/00****Definition statement**

*This place covers:*

Replace: The existing text with the following.

Compositions comprising natural macromolecular compounds or derivatives thereof corresponding to the following group: [C08H99/00](#)

**Relationships with other classification places**

Replace: The all existing text in the section with the following.

Covalently or ionically crosslinked gels are classified in [C08H](#).

**References**

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

**Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Compositions based on starch or derivatives thereof	<a href="#">C08L3/00</a>
Composition based on lignin-containing materials, e.g. lignin, cork, lignocellulose or wood	<a href="#">C08L97/00</a>
Natural macromolecular compounds or derivatives thereof	<a href="#">C08H99/00</a>
Coating composition comprising natural macromolecular compounds	<a href="#">C09D199/00</a>
Adhesive or binder composition comprising natural macromolecular compounds	<a href="#">C09J199/00</a>



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## Special rules of classification

Replace: The existing text with the following.

Last place priority rule:

Within each sub group of this group, in the absence of an indication to the contrary, classification is made in the last appropriate place.

Classification guidance:

- The subject-matter disclosed in both the claims and the examples of a patent document is to be classified.
- Natural macromolecular materials either in solution, together with other macromolecular compounds, or together with an inorganic or non-macromolecular organic additive are considered as a composition and are thus classified according to the rules of C08L.
- Hydrogels are classified in C08J3/075 and C08J2300/00 - C08J2399/00 and the corresponding C08L.

Example: Hydrogel of flour is classified in [C08L99/00](#), [C08J3/075](#) and [C08J2399/00](#).

### C-Sets classification:

In this group, C-Sets (e.g. #C08La, #C08La(Si), #C08Lb, and #C08Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L.

- The macromolecular compound in majority is given a symbol as a base symbol, and the macromolecular compounds in minority are given symbols as subsequent symbols in the C-Sets.
- A single symbol is given according to the macromolecular constituent present in the highest proportion.
- Compositions containing a natural macromolecular material and an inorganic or non-macromolecular organic additive as compounding agent are classified in the form of C-Sets (i.e. #C8Ka and #C8Lb). The detailed information about the C-Sets construction and the associated syntax rules are found in the Special rules of subclasses [C08K](#) and [C08L](#).

Example 1: A composition consisting of flour and glass fibres (filler) is classified in [C08L99/00](#) and [C08K7/14](#), as well as ([C08K7/14](#), [C08L99/00](#)).

### C-Sets searches:

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.

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## C08L 101/00

### Special rules of classification

Replace: The existing text with the following.

#### **C-Sets classification:**

In this group, C-Sets (e.g. #C08La, #C8La(Si), #C8Lb, and #C8Lb(Si)) are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the “Special rules of classification” in C08L.

#### **C-Sets searches:**

C-Sets search queries may be made according to C-Sets classification rules described in C08L and related subclasses. In addition, #C8Lz, #C9Dz, and #C9Jz Search Rules may be followed to search for polymers in documents classified prior to April 2012.