CPC  COOPERATIVE PATENT CLASSIFICATION

C  CHEMISTRY; METALLURGY
   (NOTES omitted)

CHEMISTRY

C09  DYES; PAINTS; POLISHES; NATURAL RESINS; ADHESIVES; COMPOSITIONS NOT OTHERWISE PROVIDED FOR; APPLICATIONS OF MATERIALS NOT OTHERWISE PROVIDED FOR

C09J  ADHESIVES; NON-MECHANICAL ASPECTS OF ADHESIVE PROCESSES IN GENERAL; ADHESIVE PROCESSES NOT PROVIDED FOR ELSEWHERE; USE OF MATERIAL AS ADHESIVES (surgical adhesives A61L 24/00; adhesives on the basis of non-specified organic macromolecular compounds used as bonding agents in layered products B32B; organic labelling fabrics or comparable materials or articles with deformable surface using adhesives and thermo-activateable adhesives respectively B65C 5/02, B65C 5/04; preparation of glue or gelatine C09H; adhesive labels, tag tickets or similar identification of indication means G09F 3/10)

NOTES
1. In this subclass, the following terms or expressions are used with the meanings indicated:
   2. “use of materials as adhesives” means the use of known or new polymers or products;
      • “rubber” includes:
         a. natural or conjugated diene rubbers;
         b. rubber in general (for a specific rubber, other than a natural rubber or a conjugated diene rubber, see the group provided for adhesives based on such macromolecular compounds);
      • “based on” is defined by means of Note 3, below.
   3. In this subclass, adhesives containing specific macromolecular substances are classified only according to the macromolecular substance, non-macromolecular substances not being taken into account.
      • Example: an adhesive containing polyethene and amino-propyltrimethoxysilane is classified in group C09J 123/06.
      • However, adhesives containing combinations of organic non-macromolecular compounds having at least one polymerisable carbon-to-carbon unsaturated bond with prepolymers or polymers other than unsaturated polymers of groups C09J 159/00 - C09J 187/00 are classified according to the unsaturated non-macromolecular component in group C09J 4/00.
      • Example: an adhesive containing polyethene and styrene monomer is classified in group C09J 4/06.
      • Aspects relating to the physical nature of the adhesives or to the effects produced, as defined in group C09J 9/00, if clearly and explicitly stated, are also classified in this subclass.
      • Adhesives characterised by other features, e.g. additives, are classified in group C09J 11/00, unless the macromolecular constituent is specified.
   4. In this subclass, adhesives comprising two or more macromolecular constituents are classified according to the macromolecular constituent or constituents present in the highest proportion, i.e. the constituent on which the adhesive is based. If the adhesive is based on two or more constituents, present in equal proportions, the adhesive is classified according to each of these constituents.
      • Examples: An adhesive containing 80 parts of polyethene and 20 parts of polyvinylchloride is classified in group C09J 123/06; a n adhesive containing 40 parts of polyethene and 40 parts of polyvinylchloride is classified in groups C09J 123/06 and C09J 127/06.
   5. [In this subclass, combination sets [C-Sets] are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J]
   6. [In addition to note (5), C08L 2666/00 indexing codes were used for C-Sets classification of documents before April 2012 (see also C-Sets search rules in C08L, C09D, in C09J definition)]

WARNINGS
1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:
   • C09J 4/02 covered by C09J 4/00
   • C09J 4/04 covered by C09J 4/00
   • C09J 161/08 - C09J 161/10 covered by C09J 161/06
   • C09J 163/02 covered by C09J 163/00
   • C09J 183/05 covered by C09J 183/04
1. In this main group, multi-aspect classification is applied, so that subject matter characterised by aspects covered by more than one of its subgroups should be classified in each of those groups.

2. In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

1/00 Adhesives based on inorganic constituents
1/02 containing water-soluble alkali silicates

4/00 Adhesives based on organic non-macromolecular compounds having at least one polymerisable carbon-to-carbon unsaturated bond { ; adhesives, based on monomers of macromolecular compounds of groups C09J 183/00 - C09J 183/16}

NOTE
[In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J]

4/06 [Organic non-macromolecular compounds having at least one polymerisable carbon-to-carbon unsaturated bond] in combination with a macromolecular compound other than an unsaturated polymer of groups C09J 185/00 - C09J 187/00

NOTE
[In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J]

5/00 Adhesive processes in general; Adhesive processes not provided for elsewhere, e.g. relating to primers
5/02 involving pretreatment of the surfaces to be joined
5/04 involving separate application of adhesive ingredients to the different surfaces to be joined
5/06 involving heating of the applied adhesive
5/08 using foamed adhesives
5/10 Joining materials by welding overlapping edges with an insertion of plastic material

7/00 Adhesives in the form of films or foils

NOTES
1. In this main group, multi-aspect classification is applied, so that subject matter characterised by aspects covered by more than one of its subgroups should be classified in each of those groups.

2. In this group, the indexing codes C09J 2203/00 - C09J 2499/00 are used.

WARNING
Group C09J 7/00 is impacted by reclassification into group C09J 7/10.
Groups C09J 7/00 and C09J 7/10 should be considered in order to perform a complete search.

7/10 . without carriers

WARNING
Group C09J 7/10 is incomplete pending reclassification of documents from group C09J 7/00.
Groups C09J 7/00 and C09J 7/10 should be considered in order to perform a complete search.

7/20 . characterised by their carriers
7/201 . [characterised by the release coating composition on the carrier layer]
7/203 . [characterised by the structure of the release feature on the carrier layer]
7/205 . [characterised by the backing impregnating composition]
7/22 . Plastics; Metallised plastics

WARNING
Group C09J 7/22 is incomplete pending reclassification of documents from groups C09J 7/28 and C09J 7/29.
Groups C09J 7/28, C09J 7/29, and C09J 7/22 should be considered in order to perform a complete search.

7/24 . based on macromolecular compounds obtained by reactions involving only carbon-to-carbon unsaturated bonds
7/241 . . . [Polyolefin, e.g. rubber]
7/243 . . . [Ethylene or propylene polymers]
7/245 . . . [Vinyl resins, e.g. polyvinyl chloride [PVC]]
7/25 . based on macromolecular compounds obtained otherwise than by reactions involving only carbon-to-carbon unsaturated bonds
7/255 . . . [Polysterest]
7/26 . . Porous or cellular plastics
7/28 . . Metal sheet (metallised plastics C09J 7/22)

WARNING
Group C09J 7/28 is impacted by reclassification into group C09J 7/22.
Groups C09J 7/28 and C09J 7/22 should be considered in order to perform a complete search.

7/29 . Laminated material (metallised plastics C09J 7/22)

WARNING
Group C09J 7/29 is impacted by reclassification into group C09J 7/22.
Groups C09J 7/29 and C09J 7/22 should be considered in order to perform a complete search.

7/30 . characterised by the adhesive composition
7/32 . Water-activated { adhesive }, e.g. for gummed paper
Adhesives based on polysaccharides or on their derivatives

101/00 Adhesives based on cellulose, modified cellulose, or cellulose derivatives

NOTE

{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}

101/02 Cellulose; Modified cellulose
101/04 Oxycellulose; Hydrocellulose
101/06 Cellulose hydrate
101/08 Cellulose derivatives
101/10 Esters of organic acids (of both organic acids and inorganic acids C09J 101/20)
101/12 Cellulose acetate
101/14 Mixed esters, e.g. cellulose acetate-butyrat e
101/16 Esters of inorganic acids (of both organic acids and inorganic acids C09J 101/20)
101/18 Cellulose nitrate
101/20 Esters of both organic acids and inorganic acids
101/22 Cellulose xanthate
101/24 Viscose
101/26 Cellulose ethers
101/28 Alkyl ethers
101/282 [with halogen-substituted hydrocarbon radicals]
101/284 [with hydroxylated hydrocarbon radicals]
101/286 [substituted with acid radicals (C09J 101/282 takes precedence)]
101/288 [substituted with nitrogen containing radicals]
Adhesives based on rubbers or on their derivatives

109/08 . . Latex
109/10 . . Latex (C09J 109/04, C09J 109/08 take precedence)

111/00 Adhesives based on homopolymers or copolymers of chloroprene

NOTE
[In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J]

113/00 Adhesives based on rubbers containing carboxyl groups

NOTE
[In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J]

115/00 Adhesives based on rubber derivatives (C09J 111/00, C09J 113/00 take precedence)

NOTE
[In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J]

115/00 Adhesives based on rubber derivatives (C09J 111/00, C09J 113/00 take precedence)

NOTE
[In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J]

115/00 Adhesives based on rubber derivatives (C09J 111/00, C09J 113/00 take precedence)

NOTE
[In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J]

117/00 Adhesives based on reclaimed rubber

NOTE
[In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J]

119/00 Adhesives based on rubbers, not provided for in groups C09J 107/00 - C09J 117/00

NOTE
[In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J]

121/00 Adhesives based on unspecified rubbers

NOTE
[In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J]

123/00 Adhesives based on organic macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds

NOTE
[In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J]

123/02 . not modified by chemical after-treatment
123/025 . . (Copolymer of an unspecified olefine other than an olefine)
123/04 . . Homopolymers or copolymers of ethene
123/06 . . Polyethene
123/08 . . Copolymers of ethene (C09J 123/16 takes precedence)
123/0807 . . . . (Copolymers of ethene with unsaturated hydrocarbons only containing more than three carbon atoms)
123/0815 . . . . (Copolymers of ethene with aliphatic 1-olefines)
123/0823 . . . . (Copolymers of ethene with aliphatic cyclic olefines)
123/083 . . . . (Copolymers of ethene with aliphatic polyenes, i.e. containing more than one unsaturated bond)
123/0838 . . . . (Copolymers of ethene with aromatic monomers)
123/0846 . . . . (Copolymers of ethene with unsaturated hydrocarbons containing other atoms than carbon or hydrogen atoms)
123/0853 . . . . (Vinylacetate)
123/0860 . . . . (Saponified vinylacetate)
123/0869 . . . . (Acids or derivatives thereof)
123/0876 . . . . (Neutralised polymers, i.e. ionomers)
123/0884 . . . . (Epoxide containing esters)
123/0892 . . . . (containing monomers with other atoms than carbon, hydrogen or oxygen atoms)
123/10 . . Homopolymers or copolymers of propene
123/12 . . Polypropene
123/14 . . Copolymers of propene (C09J 123/16 takes precedence)
123/142 . . . . (at least partially crystalline copolymers of propene with other olefins)
123/145 . . . . (Copolymers of propene with monomers having more than one C=C double bond)
123/147 . . . . (Copolymers of propene with monomers containing other atoms than carbon or hydrogen atoms)
123/16 . . . . (Elastomeric) ethene-propene or ethene-propene-diene copolymers, (e.g. EPR and EPDM rubbers)

NOTE
This group is used for polymers comprising both ethylene and propylene

123/18 . . Homopolymers or copolymers of hydrocarbons having four or more carbon atoms
123/20 . . having four to nine carbon atoms
123/22 . . Copolymers of isobutene; Butyl rubber (Homo- or copolymers of other iso-olefines)

NOTE
This group is used for polymers comprising both ethylene and propylene

123/18 . . Homopolymers or copolymers of hydrocarbons having four or more carbon atoms
123/20 . . having four to nine carbon atoms
123/22 . . Copolymers of isobutene; Butyl rubber (Homo- or copolymers of other iso-olefines)
Adhesives based on organic macromolecular compounds obtained by reactions only involving carbon-to-carbon...

127/18 . . . Homopolymers or copolymers of tetrafluoroethylene
127/20 . . . Homopolymers or copolymers of hexafluoropropene
127/22 . modified by chemical after-treatment
127/24 . . . halogenated
129/00 Adhesives based on homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by an aromatic carboxylic ring; Adhesives based on derivatives of such polymers

NOTE
(In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J)

129/02 . Homopolymers or copolymers of unsaturated alcohols (C09J 129/14 takes precedence)
129/04 . Polyvinyl alcohol; Partially hydrolysed homopolymers or copolymers of esters of unsaturated alcohols with saturated carboxylic acids
129/06 . . . Copolymers of allyl alcohol
129/08 . . . with vinyl aromatic monomers
129/10 . Homopolymers or copolymers of unsaturated ethers (C09J 135/08 takes precedence)
129/12 . Homopolymers or copolymers of unsaturated ketones
129/14 . Homopolymers or copolymers of acetal or ketals obtained by polymerisation of unsaturated acetals or ketals or by after-treatment of polymers of unsaturated alcohols
131/00 Adhesives based on homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a halogen; Adhesives based on derivatives of such polymers

NOTE
(In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J)

131/02 . Homopolymers or copolymers of esters of monocarboxylic acids
131/04 . . . Homopolymers or copolymers of vinyl acetate
131/06 . Homopolymers or copolymers of esters of polycarboxylic acids
131/08 . . . of phthalic acid
Adhesives based on organic macromolecular compounds obtained by reactions only involving carbon-to-carbon...

133/00 Adhesives based on homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by only one carboxyl radical, or of salts, anhydrides, esters, amides, imides, or nitriles thereof; Adhesives based on derivatives of such polymers

NOTE
{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}

133/02 . Homopolymers or copolymers of acids; Metal or ammonium salts thereof
133/04 . Homopolymers or copolymers of esters
{ (C09J 143/04 takes precedence) }
133/06 . of esters containing only carbon, hydrogen and oxygen, the oxygen atom being present only as part of the carboxyl radical
133/062 . . . {Copolymers with monomers not covered by C09J 133/06}
133/064 . . . . { containing anhydride, COOH or COOM groups, with M being metal or onium-cation }
133/066 . . . . { containing -OH groups }
133/068 . . . . { containing glycidyl groups }
133/08 . . . Homopolymers or copolymers of acrylic acid esters
133/10 . . . Homopolymers or copolymers of methacrylic acid esters
133/12 . . . . Homopolymers or copolymers of methyl methacrylate
133/14 . . of esters containing halogen, nitrogen, sulfur or oxygen atoms in addition to the carboxy oxygen
133/16 . . . Homopolymers or copolymers of esters containing halogen atoms
133/18 . . Homopolymers or copolymers of nitriles
133/20 . . Homopolymers or copolymers of acrylonitrile (C09J 155/02 takes precedence)
133/22 . . Homopolymers or copolymers of nitriles containing four or more carbon atoms
133/24 . Homopolymers or copolymers of amides or imides
133/26 . Homopolymers or copolymers of acrylamide or methacyrlamide

135/00 Adhesives based on homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a carboxyl radical, and containing at least another carboxyl radical in the molecule, or of salts, anhydrides, esters, amides, imides or nitriles thereof; Adhesives based on derivatives of such polymers

NOTE
{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}

135/02 . Homopolymers or copolymers of esters
{ (C09J 135/06, C09J 135/08 take precedence) }

135/04 . Homopolymers or copolymers of nitriles
{ (C09J 135/06, C09J 135/08 take precedence) }
135/06 . Copolymers with vinyl aromatic monomers
135/08 . Copolymers with vinyl ethers

137/00 Adhesives based on homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a heterocyclic ring containing oxygen (based on polymers of cyclic esters of polyfunctional acids C09J 131/00); based on polymers of cyclic anhydrides of unsaturated acids C09J 135/00); Adhesives based on derivatives of such polymers

NOTE
{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}

139/00 Adhesives based on homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a single or double bond to nitrogen or by a heterocyclic ring containing nitrogen; Adhesives based on derivatives of such polymers

NOTE
{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}

139/02 . Homopolymers or copolymers of vinylamine
139/04 . Homopolymers or copolymers of monomers containing heterocyclic rings having nitrogen as ring member
139/06 . . Homopolymers or copolymers of N-vinyl-pyrrolidones
139/08 . . Homopolymers or copolymers of vinyl-pyridine

141/00 Adhesives based on homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a bond to sulfur or by a heterocyclic ring containing sulfur; Adhesives based on derivatives of such polymers

NOTE
{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}

143/00 Adhesives based on homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and containing boron, silicon, phosphorus, selenium, tellurium, or a metal; Adhesives based on derivatives of such polymers

NOTE
{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}
Adhesives based on organic macromolecular compounds obtained by reactions only involving carbon-to-carbon...
Adhesives based on organic macromolecular compounds obtained otherwise than by reactions only involving...

163/00 Adhesives based on epoxy resins; Adhesives based on derivatives of epoxy resins

NOTE

[In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J]

163/04 Epoxynovolacs
163/06 Triglycidylisocyanurates
163/08 Epoxidised polymerised polyenes

163/10 Epoxy resins modified by unsaturated compounds

NOTE

In groups C09J 165/00 - C09J 185/00, in the absence of an indication to the contrary, adhesives based on macromolecular compounds obtained by reactions forming two different linkages in the main chain are classified according to the linkage present in excess.

165/00 Adhesives based on macromolecular compounds obtained by reactions forming a carbon-to-carbon link in the main chain (C09J 107/00 - C09J 157/00, C09J 161/00 take precedence); Adhesives based on derivatives of such polymers

NOTE

[In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J]

165/02 Polyphenylenes
165/04 Polyxylylenes

167/00 Adhesives based on polyesters obtained by reactions forming a carboxylic ester link in the main chain (based on polyester-amides C09J 177/12; based on polyester-imides C09J 179/08); Adhesives based on derivatives of such polymers

NOTE

[In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J]

167/02 Polysters derived from dicarboxylic acids and dihydroxy compounds (C09J 167/06 takes precedence)
167/03 [containing polyether sequences]
167/04 the dicarboxylic acids and dihydroxy compounds having the carboxyl - and the hydroxy groups directly linked to aromatic rings
167/06 Polysters derived from hydroxy-carboxylic acids, e.g. lactones (C09J 167/06 takes precedence)
167/07 Unsaturated polyesters having carbon-to-carbon unsaturation
167/08 Polysters modified with higher fatty oils or their acids, or with natural resins or resin acids

169/00 Adhesives based on polycarbonates; Adhesives based on derivatives of polycarbonates

NOTE

[In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J]

169/005 [Polyester-carbonates]
Involving...

Adhesives based on organic macromolecular compounds obtained otherwise than by reactions only

171/00 Adhesives based on polyethers obtained by reactions forming an ether link in the main chain (based on polyacetals C09J 159/00; based on epoxy resins C09J 163/00; based on polyethioether-ethers C09J 181/02; based on polyethersulfones C09J 181/06); Adhesives based on derivatives of such polymers

NOTE

{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}

171/02 . Polyalkylene oxides
171/03 . . Polyepihalohydrins
171/08 . Polyethers derived from hydroxy compounds or from their metallic derivatives (C09J 171/02 takes precedence)
171/10 . . from phenols
171/12 . . . Polyphenylene oxides
171/14 . . . Furfuryl alcohol polymers

173/00 Adhesives based on macromolecular compounds obtained by reactions forming a linkage containing oxygen or oxygen and carbon in the main chain, not provided for in groups C09J 159/00 - C09J 171/00; Adhesives based on derivatives of such polymers

NOTE

{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}

173/02 . Polyanhydrides

175/00 Adhesives based on polyureas or polyurethanes; Adhesives based on derivatives of such polymers

NOTE

{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}

175/02 . Polyureas
175/04 . Polyurethanes
175/06 . . from polyesters
175/08 . . from polyethers
175/10 . . from polyacetals
175/12 . . from compounds containing nitrogen and active hydrogen, the nitrogen atom not being part of an isocyanate group
175/14 . . Polyurethanes having carbon-to-carbon unsaturated bonds
175/16 . . . having terminal carbon-to-carbon unsaturated bonds

177/00 Adhesives based on polyamides obtained by reactions forming a carboxylic amide link in the main chain (based on polyhydrazides C09J 179/06; based on polyamide-imides C09J 179/08); Adhesives based on derivatives of such polymers

NOTE

{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}

177/02 . Polyamides derived from omega-amino carboxylic acids or from lactams thereof (C09J 177/10 takes precedence)
177/04 . Polyamides derived from alpha-amino carboxylic acids (C09J 177/10 takes precedence)
177/06 . Polyamides derived from polyamines and polycarboxylic acids (C09J 177/10 takes precedence)
177/08 . . from polyamines and polymerised unsaturated fatty acids
177/10 . . Polyamides derived from aromatically bound amino and carbonyl groups of amino carboxylic acids or of polyamines and polycarboxylic acids
177/12 . . Polyester-amides

179/00 Adhesives based on macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen, or carbon only, not provided for in groups C09J 161/00 - C09J 177/00

NOTE

{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}

179/02 . Polyamines
179/04 . Polycondensates having nitrogen-containing heterocyclic rings in the main chain; Polyhydrazides; Polyamide acids or similar polyimide precursors
179/06 . . Polyhydrazides; Polytriazoles; Polyalimide-triazoles; Polyoxadiazoles
179/08 . . Polyimides; Polyester-imides; Polyalimide-imides; Polyalimide acids or similar polyimide precursors
179/085 . . . {Unsaturated polyimide precursors}

181/00 Adhesives based on macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing sulfur, with or without nitrogen, oxygen, or carbon only; Adhesives based on polysulfones; Adhesives based on derivatives of such polymers

NOTE

{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}

181/02 . Polythioethers; Polythioether-ethers
181/04 . Polysulfides
181/06 . Polysulfones; Polyethersulfones
181/08 . Polysulfonates
Adhesives based on organic macromolecular compounds obtained otherwise than by reactions only involving...

181/10  . Polysulfonamides; Polysulfonimides

183/00  Adhesives based on 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; Adhesives based on derivatives of such polymers

NOTE
{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}

183/02  . Polysilicates
183/04  . Polysiloxanes
183/06  . . containing silicon bound to oxygen-containing groups (C09J 183/12 takes precedence)
183/08  . . containing silicon bound to organic groups containing atoms other than carbon, hydrogen, and oxygen

183/10  . Block or graft copolymers containing polysiloxane sequences (obtained by polymerising a compound having a carbon-to-carbon double bond on to a polysiloxane C09J 151/08, C09J 153/00)
183/12  . . containing polyether sequences
183/14  . . in which at least two but not all the silicon atoms are connected by linkages other than oxygen atoms (C09J 183/10 takes precedence)
183/16  . . in which all the silicon atoms are connected by linkages other than oxygen atoms

185/00  Adhesives based on macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon; Adhesives based on derivatives of such polymers

NOTE
{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}

185/02  . containing phosphorus
185/04  . containing boron

187/00  Adhesives based on unspecified macromolecular compounds, obtained otherwise than by polymerisation reactions only involving unsaturated carbon-to-carbon bonds

NOTE
{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}

187/005 . {Block or graft polymers not provided for in groups C09J 101/00 - C09J 185/04}

189/00  Adhesives based on natural macromolecular compounds or on derivatives thereof (based on polysaccharides C09J 101/00 - C09J 105/00; based on natural rubber C09J 107/00)

189/005 . {Casein}
189/004 . . Casein-aldehyde condensates
189/004 . . Products derived from waste materials, e.g. horn, hoof or hair
189/006 . . derived from leather or skin

191/00  Adhesives based on oils, fats or waxes; Adhesives based on derivatives thereof

NOTE
{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}

191/005 . {Drying oils}
191/004 . . Vulcanised oils, e.g. factice
191/004 . . Linoxyn
191/006 . . Waxes
191/008 . . Mineral waxes

193/00  Adhesives based on natural resins; Adhesives based on derivatives thereof

NOTE
{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}

193/002 . . Shellac
193/004 . . Rosin

195/00  Adhesives based on bituminous materials, e.g. asphalt, tar, pitch

NOTE
{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}

195/005 . . {Aqueous compositions, e.g. emulsions}

197/00  Adhesives based on lignin-containing materials (based on polysaccharides C09J 101/00 - C09J 105/00)

NOTE
{In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J}
Adhesives based on natural macromolecular compounds or on derivatives thereof 

199/00 Adhesives based on natural macromolecular compounds or on derivatives thereof, not provided for in groups C09J 101/00 - C09J 107/00 or C09J 189/00 - C09J 197/00

NOTE

[In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J]

201/00 Adhesives based on unspecified macromolecular compounds

NOTE

[In this group, C-Sets are used for classification. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions of C09J]

2203/00 Applications of adhesives in processes or use of adhesives in the form of films or foils

2203/102 . in the form of dowels, anchors or cartridges
2203/302 . for bundling cables
2203/306 . for protecting painted surfaces, e.g. of cars
2203/31 . as a masking tape for painting
2203/314 . for carpets
2203/318 . for the production of liquid crystal displays
2203/322 . for the production of solar panels
2203/326 . for bonding electronic components such as wafers, chips or semiconductors
2203/33 . for batteries or fuel cells
2203/334 . as a label
2203/338 . as tamper-evident tape or label
2203/342 . for flying splice applications
2203/346 . for building applications e.g. wrap foil
2203/35 . for aeronautical or naval applications
2203/354 . for automotive applications
2203/358 . for garments and textiles
2203/362 . for the fabrication of shoes
2203/366 . for mounting tapes
2203/37 . for repositionable or removable tapes

2301/00 Additional features of adhesives in the form of films or foils

2301/10 . characterized by the structural features of the adhesive tape or sheet
2301/12 . by the arrangement of layers
2301/122 . the adhesive layer being present only on one side of the carrier, e.g. single-sided adhesive tape
2301/124 . the adhesive layer being present on both sides of the carrier, e.g. double-sided adhesive tape
2301/1242 . the opposite adhesive layers being different
2301/16 . by the structure of the carrier layer
2301/162 . the carrier being a laminate constituted by plastic layers only
2301/18 . characterized by perforations in the adhesive tape
2301/20 . characterized by the structural features of the adhesive itself
2301/202 . the adhesive being in the form of fibres
2301/204 . the adhesive coating being discontinuous
2301/206 . the adhesive layer comprising non-adhesive protrusions
2301/208 . the adhesive layer being constituted by at least two or more adjacent or superposed adhesive layers, e.g. multilayer adhesive
2301/21 . the adhesive layer being formed by alternating adhesive areas of different nature
2301/30 . characterized by the chemical, physicochemical or physical properties of the adhesive or the carrier
2301/302 . the adhesive being pressure-sensitive, i.e. tacky at temperatures inferior to 30°C
2301/304 . the adhesive being heat-activatable, i.e. not tacky at temperatures inferior to 30°C
2301/306 . the adhesive being water-activatable
2301/308 . the adhesive tape or sheet losing adhesive strength when being stretched, e.g. stretch adhesive
2301/31 . the adhesive effect being based on a Gecko structure
2301/312 . parameters being the characterizing feature
2301/314 . the adhesive layer and/or the carrier being conductive
2301/40 . characterized by the presence of essential components
2301/408 . additives as essential feature of the adhesive layer
2301/41 . additives as essential feature of the carrier layer
2301/412 . presence of microspheres
2301/414 . presence of a copolymer

NOTE

This group is to be used in combination with combined indexing codes of C09J 2401/00 - C09J 2499/008 in case a copolymer is present but not a blend.

2400/00 Presence of inorganic and organic materials

2400/10 . Presence of inorganic materials
2400/12 . Ceramic
2400/123 . . in the substrate
2400/126 . . in the pretreated surface to be joined
2400/14 . . Glass
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Location</th>
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<tbody>
<tr>
<td>2400/143</td>
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<td>2400/16</td>
<td>. . . Metal</td>
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<td>. Presence of textile or fabric</td>
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<td>2400/283</td>
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<td>2400/286</td>
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<td>2400/30</td>
<td>. . . Presence of wood</td>
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<td>Presence of cellulose</td>
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<td>2401/003</td>
<td>. . . in the primer coating</td>
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<td>. . . in the release coating</td>
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<td>2401/006</td>
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<td>2401/008</td>
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<td>2403/00</td>
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<td>2403/006</td>
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<td>2407/008</td>
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<td>2409/00</td>
<td>Presence of diene rubber</td>
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<td>. . . in the release coating</td>
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<td>2409/006</td>
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<td>2409/008</td>
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<td>2411/00</td>
<td>Presence of chloroprene</td>
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<td>2413/00</td>
<td>Presence of rubbers containing carboxyl groups</td>
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<td>Presence of rubber derivatives</td>
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<td>2415/008</td>
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<tr>
<td>2417/00</td>
<td>Presence of reclaimed rubber</td>
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<td>2417/001</td>
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<tr>
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<td>2417/008</td>
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<tr>
<td>2421/00</td>
<td>Presence of unspecified rubber</td>
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<td>2421/005</td>
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<td>2421/006</td>
<td>. . . in the substrate</td>
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<tr>
<td>2421/008</td>
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<tr>
<td>2423/00</td>
<td>Presence of polyolefin</td>
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<td>2423/001</td>
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<td>2423/008</td>
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<tr>
<td>2423/04</td>
<td>Presence of homo or copolymers of ethene</td>
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<td>Presence of homo or copolymers of propene</td>
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<td>2423/106</td>
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<tr>
<td>2423/108</td>
<td>. . . in the pretreated surface to be joined</td>
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<tr>
<td>2423/16</td>
<td>Presence of ethen-propene or ethene-propene-diene copolymers</td>
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<td>2423/168</td>
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<td>2425/00</td>
<td>Presence of styrenic polymer</td>
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<td>2425/006</td>
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<td>2425/008</td>
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<tr>
<td>2427/00</td>
<td>Presence of halogenated polymer</td>
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Presence of epoxy resin
2463/001 . in the barrier layer
2463/003 . in the primer coating
2463/005 . in the release coating
2463/006 . in the substrate
2463/008 . in the pretreated surface to be joined

Presence of polyvinyl alcohol
2429/001 . in the barrier layer
2429/003 . in the primer coating
2429/005 . in the release coating
2429/006 . in the substrate
2429/008 . in the pretreated surface to be joined

Presence of polyvinyl acetate
2431/001 . in the barrier layer
2431/003 . in the primer coating
2431/005 . in the release coating
2431/006 . in the substrate
2431/008 . in the pretreated surface to be joined

Presence of (meth)acrylic polymer
2433/001 . in the barrier layer
2433/003 . in the primer coating
2433/005 . in the release coating
2433/006 . in the substrate
2433/008 . in the pretreated surface to be joined

Presence of graft polymer
2451/001 . in the barrier layer
2451/003 . in the primer coating
2451/005 . in the release coating
2451/006 . in the substrate
2451/008 . in the pretreated surface to be joined

Presence of block copolymer
2453/001 . in the barrier layer
2453/003 . in the primer coating
2453/005 . in the release coating
2453/006 . in the substrate
2453/008 . in the pretreated surface to be joined

Presence of ABS
2455/001 . in the barrier layer
2455/003 . in the primer coating
2455/005 . in the release coating
2455/006 . in the substrate
2455/008 . in the pretreated surface to be joined

Presence of polyacetal
2459/001 . in the barrier layer
2459/003 . in the primer coating
2459/005 . in the release coating
2459/006 . in the substrate
2459/008 . in the pretreated surface to be joined

Presence of condensation polymers of aldehydes or ketones
2461/001 . in the barrier layer
2461/003 . in the primer coating
2461/005 . in the release coating
2461/006 . in the substrate
2461/008 . in the pretreated surface to be joined

Presence of epoxy resin
2463/001 . in the barrier layer
2463/003 . in the primer coating
2463/005 . in the release coating
2463/006 . in the substrate
2463/008 . in the pretreated surface to be joined
in the pretreated surface to be joined

Presence of polysiloxane
2483/001 . in the barrier layer
2483/003 . in the primer coating
2483/005 . in the release coating
2483/006 . in the substrate
2483/008 . in the pretreated surface to be joined

Presence of protein
2489/001 . in the barrier layer
2489/003 . in the primer coating
2489/005 . in the release coating
2489/006 . in the substrate
2489/008 . in the pretreated surface to be joined

Presence of oils, fats or waxes
2491/001 . in the barrier layer
2491/003 . in the primer coating
2491/005 . in the release coating
2491/006 . in the substrate
2491/008 . in the pretreated surface to be joined

Presence of natural resin
2493/001 . in the barrier layer
2493/003 . in the primer coating
2493/005 . in the release coating
2493/006 . in the substrate
2493/008 . in the pretreated surface to be joined

Presence of bitume
2495/001 . in the barrier layer
2495/003 . in the primer coating
2495/005 . in the release coating
2495/006 . in the substrate
2495/008 . in the pretreated surface to be joined

Presence of lignin
2497/001 . in the barrier layer
2497/003 . in the primer coating
2497/005 . in the release coating
2497/006 . in the substrate
2497/008 . in the pretreated surface to be joined

Presence of natural macromolecular compounds or on derivatives thereof, not provided for in groups C09J 2489/00 - C09J 2497/00
2499/001 . in the barrier layer
2499/003 . in the primer coating
2499/005 . in the release coating
2499/006 . in the substrate
2499/008 . in the pretreated surface to be joined