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- (c) The existence in this subchapter B of a regulation prescribing safe conditions for the use of a substance as an article or component of articles that contact food shall not be construed as implying that such substance may be safely used as a direct additive in food.
- (d) Substances that under conditions of good manufacturing practice may be safely used as components of articles that contact food include the following, subject to any prescribed limitations:
- (1) Substances generally recognized as safe in or on food.
- (2) Substances generally recognized as safe for their intended use in food packaging.
- (3) Substances used in accordance with a prior sanction or approval.
- (4) Substances permitted for use by regulations in this part and parts 175, 176, 177, 178 and §179.45 of this chapter.
- (5) Food contact substances used in accordance with an effective premarket notification for a food contact substance (FCN) submitted under section 409(h) of the act.

[42 FR 14534, Mar. 15, 1977, as amended at 67 FR 35731, May 21, 2002]

§ 174.6 Threshold of regulation for substances used in food-contact articles.

Substances used in food-contact articles (e.g., food-packaging or food-processing equipment) that migrate, or that may be expected to migrate, into food at negligible levels may be reviewed under §170.39 of this chapter. The Food and Drug Administration will exempt substances whose uses it determines meet the criteria in §170.39 of this chapter from regulation as food additives and, therefore, a food additive petition will not be required for the exempted use.

[60 FR 36596, July 17, 1995]

PART 175—INDIRECT FOOD ADDI-TIVES: ADHESIVES AND COMPO-NENTS OF COATINGS

Subpart A [Reserved]

Subpart B—Substances for Use Only as Components of Adhesives

Sec.

175.105 Adhesives.

175.125 Pressure-sensitive adhesives.

Subpart C—Substances for Use as Components of Coatings

175.210 Acrylate ester copolymer coating.

175.230 Hot-melt strippable food coatings.

175.250 Paraffin (synthetic).

175.260 Partial phosphoric acid esters of polyester resins.

175.270 Poly(vinyl fluoride) resins.

175.300 Resinous and polymeric coatings.

175.320 Resinous and polymeric coatings for polyolefin films.

 $175.\overline{350}$ Vinyl acetate/crotonic acid copolymer.

175.360 Vinylidene chloride copolymer coatings for nylon film.

175.365 Vinylidene chloride copolymer coatings for polycarbonate film.

175.380 Xylene-formaldehyde resins condensed with 4,4'-isopropylidenediphenolepichlorohydrin epoxy resins.

175.390 Zinc-silicon dioxide matrix coatings.

AUTHORITY: 21 U.S.C. 321, 342, 348, 379e.

Source: 42 FR 14534, Mar. 15, 1977, unless otherwise noted.

EDITORIAL NOTE: Nomenclature changes to part 175 appear at 61 FR 14482, Apr. 2, 1996, 66 FR 56035, Nov. 6, 2001, and 70 FR 72074, Dec. 1, 2005.

Subpart A [Reserved]

Subpart B—Substances for Use Only as Components of Adhesives

§ 175.105 Adhesives.

- (a) Adhesives may be safely used as components of articles intended for use in packaging, transporting, or holding food in accordance with the following prescribed conditions:
- (1) The adhesive is prepared from one or more of the optional substances named in paragraph (c) of this section, subject to any prescribed limitations.
- (2) The adhesive is either separated from the food by a functional barrier or used subject to the following additional limitations:
- (i) In dry foods. The quantity of adhesive that contacts packaged dry food shall not exceed the limits of good manufacturing practice.
- (ii) In fatty and aqueous foods. (a) The quantity of adhesive that contacts

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packaged fatty and aqueous foods shall not exceed the trace amount at seams and at the edge exposure between packaging laminates that may occur within the limits of good manufacturing practice.

- (b) Under normal conditions of use the packaging seams or laminates will remain firmly bonded without visible separation.
- (b) To assure safe usage of adhesives, the label of the finished adhesive container shall bear the statement "foodpackaging adhesive".
- (c) Subject to any limitation prescribed in this section and in any other regulation promulgated under section 409 of the Act which prescribes safe conditions of use for substances that may be employed as constituents of adhesives, the optional substances used in the formulation of adhesives may include the following:

- (1) Substances generally recognized as safe for use in food or food packaging.
- (2) Substances permitted for use in adhesives by prior sanction or approval and employed under the specific conditions of use prescribed by such sanction or approval.
- (3) Flavoring substances permitted for use in food by regulations in this part, provided that such flavoring substances are volatilized from the adhesives during the packaging fabrication process.
- (4) Color additives approved for use in food
- (5) Substances permitted for use in adhesives by other regulations in this subchapter and substances named in this subparagraph: *Provided*, *however*, That any substance named in this paragraph and covered by a specific regulation in this subchapter, must meet any specifications in such regulation.

Substances	Limitations
Abietic acid.	
Acetone.	
Acetone-formaldehyde condensate (CAS Reg. No. 25619-09-4).	
Acetone-urea-formaldehyde resin.	
N-Acetyl ethanolamine.	
Acetyl tributyl citrate.	
Acetyl triethyl citrate.	
2-Acrylamido-2-methyl-propanesulfonic acid, homopolymer, sodium salt	
(CAS Reg. No. 35641–59–9).	
Albumin, blood.	
(2-Alkenyl) succinic anhydrides in which the alkenyl groups are derived	
from olefins which contain not less than 78 percent C_{30} and higher	
groups (CAS Reg. No. 70983-55-0).	
4-[2-[2-2-(Alkoxy (C_{12} - C_{15}) ethoxy) ethoxy]ethyl] disodium sulfosuccinate.	
1-Alkyl (C ₆ -C ₁₈) amino-3-amino-propane monoacetate.	
Alkylated (C ₄ and/or C ₈) phenols.	
Alkyl (C ₇ -C1 ₂) benzene.	
Alkyl (C_{10} - C_{20}) dimethylbenzyl ammonium chloride. n -Alkyl(C_{12} , C_{14} , C_{16} , or C_{18}) dimethyl (ethylbenzyl) ammonium	For use on presentative only
	For use as preservative only.
cyclohexylsulfamate.	
Alkyl ketene dimers as described in § 176.120 of this chapter. Alkyl (C ₇ -C ₁₂) naphthalene.	
alpha Olefin sulfonate [alkyl group is in the range of C_{10} - C_{18} with not	
less than 50 percent C ₁₄ -C ₁₆], ammonium, calcium, magnesium, po-	
tassium, and sodium salts.	
2-[(2-aminoethyl)amino]ethanol (CAS Reg. No. 111–41–1).	
3-Aminopropanediol	For use only in the preparation of polyurethane res-
o-Aminopropariedioi	ins.
Aluminum.	110.
Aluminum acetate.	
Aluminum di(2-ethylhexoate).	
Aluminum potassium silicate.	
N-β-Aminoethyl- <i>gamma</i> -aminopropyl trimethoxysilane.	
3-(Aminomethyl)-3,5,5-trimethylcyclohexylamine.	
Aminomethylpropanol.	
Ammonium benzoate	For use as preservative only.
Ammonium bifluoride	For use only as bonding agent for aluminum foil, sta-
	bilizer or preservative. Total fluoride from all sources not to exceed 1 percent by weight of the
	finished adhesive.
Ammonium borate.	

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Ammonium sulfamate. Ammonium thiocyanate. Ammonium thiosulfate. Amyl acetate. Anhydroenneaheptitol. Animal glue as described in § 178.3120 of this chapter. 2-Anthraquinone sulfonic acid, sodium salt	only as bonding agent for aluminum foil, sta- or preservative. Total fluoride from all is not to exceed 1 percent by weight of the id adhesive. In a polymerization-control agent. It is a stabilizer. It is preservative only. It is preservative only.
Ammonium potassium hydrogen phosphate. Ammonium silico-fluoride	or preservative. Total fluoride from all s not to exceed 1 percent by weight of the d adhesive. In a polymerization-control agent. It is a stabilizer. Its preservative only.
Ammonium potassium hydrogen phosphate. Ammonium silico-fluoride	or preservative. Total fluoride from all s not to exceed 1 percent by weight of the d adhesive. In a polymerization-control agent. It is a stabilizer. Its preservative only.
Ammonium silfamate. Ammonium sulfamate. Ammonium thiocyanate. Ammonium thiocyanate. Ammonium thiosulfate. Anhydroenneaheptitol. Animal glue as described in § 178.3120 of this chapter. 2-Anthraquinone sulfonic acid, sodium salt. Antimony oxide. Asbestos. Asphalt, paraffinic and naphthenic. Azelaic acid. Azo-bis-sboutyronitrile. Balata rubber. Barium peroxide. Barium peroxide. Barium peroxide. Barium peroxide. Barium peroxide. Benzene (benzol). 1,4-Benzenedicarboxylic acid, bis[2-(1,1-dimethylethyl)-6-[[3-(1,1-dimethylethyl)-2-hydroxy-5-methylphenyl]methyl]-4-methyl-phenyl]ester (CAS Reg. No. 57569-40-1). 1,2-Benzisothiazolin-3-one (CAS Registry No. 2634-33-5). Benzoyl peroxide. Benzoyl peroxide. Benzyl bromoacetate penzyl bromoacetate penzyl phenzolate. Benzyl bromoacetate penzyl bromoacetate pobenzyl dizohol. Benzyl benzoate. Benzyl bromoacetate penzyl phenzyl diphenyl phosphate. Bis(benzoate-O)(2-propanolato)aluminum (CAS Reg. No. 105442-85-1) Bis(benzoate-O)(2-propanolato)aluminum (CAS Reg. No. 105442-85-1) 1,2-Bis(3,5-di-tert-butyl-4-hydroxyhydrocinnamoyl)hy-drazine (CAS Reg. No. 17540-75-9). 2,6-Bis(1-1-dimethylethyl-4-(1-methylpropyl)phenol (CAS Reg. No. 17540-75-9). 2,6-Bis(1-1-dimethylethyl)-4-(1-methylpropyl)phenol (CAS Reg. No. 17540-75-9). 5or use sester reproved the bis (activithio)6-Bis(octylthio)-s-triazin-2-yl]aminol-2,6-di-tert-butylphenol (CAS Reg. No. 991-84-4). Bis(trichoromethyl)sulfone C.A. Registry No. 3064-70-8.	or preservative. Total fluoride from all s not to exceed 1 percent by weight of the d adhesive. In a polymerization-control agent. It is a stabilizer. Its preservative only.
Ammonium sulfamate. Ammonium thiocyanate. Ammonium thiosulfate. Amyl acetate. Anhydroenneaheptitol. Animal glue as described in § 178.3120 of this chapter. 2-Anthraquinone sulfonic acid, sodium salt	and adhesive. In a spolymerization-control agent. It is a stabilizer. Its preservative only.
Ammonium sulfamate. Ammonium thiocyanate. Anthiocoania syll and sall a	only as polymerization-control agent. Is a stabilizer. Is preservative only.
Ammonium thiocyanate. Ammonium thiosulfate. Amyl acetate. Anhydroenneaheptitol. Animal glue as described in § 178.3120 of this chapter. 2-Anthraquinone sulfonic acid, sodium salt	is a stabilizer. is preservative only.
Amyl acetate. Anhydroenneaheptitol. Animal glue as described in § 178.3120 of this chapter. 2-Anthraquinone sulfonic acid, sodium salt	is a stabilizer. is preservative only.
Aninydroenneaheptitol. Animal glue as described in § 178.3120 of this chapter. 2-Anthraquinone sulfonic acid, sodium salt	is a stabilizer. is preservative only.
Animal glue as described in § 178.3120 of this chapter. 2-Anthraquinone sulfonic acid, sodium salt	is a stabilizer. is preservative only.
2-Anthraquinone sulfonic acid, sodium salt	is a stabilizer. is preservative only.
Antimony oxide. Asbestos. Asbestos. Asphalt, paraffinic and naphthenic. Azelaic acid. Azo- bis -isobutyronitrile. Balata rubber. Barium acetate. Barium peroxide. Barium sulfate. Bentonite. Bentonite. Benzene (benzol). 1,4-Benzenedicarboxylic acid, bis[2-(1,1-dimethylethyl)-6-[[3-(1,1-dimethylethyl)-2-hydroxy-5-methylphenyl]methyl]-4-methyl-phenyl]ester (CAS Reg. No. 57569–40–1). 1,2-Benzisothiazolin-3-one (CAS Registry No. 2634–33–5)	is a stabilizer. is preservative only.
Asphalt, paraffinic and naphthenic. Azelaic acid. Aze-bis-isobutyronitrile. Balata rubber. Barium peroxide. Barium sulfate. Bentonite. Benzene (benzol). 1,4-Benzenedicarboxylic acid, bis[2-(1,1-dimethylethyl)-6-[[3-(1,1-dimethylethyl)-2-hydroxy-5-methylphenyl]methyl]-4-methyl-phenyl]ester (CAS Reg. No. 57569-40-11). 1,2-Benzisothiazolin-3-one (CAS Registry No. 2634-33-5)	s preservative only.
Azelaic acid. Azo- bis -isobutyronitrile. Balata rubber. Barium acetate. Barium peroxide. Barium sulfate. Bentonite. Bentonite. Benzene (benzol). 1,4-Benzenedicarboxylic acid, bis[2-(1,1-dimethylethyl)-6-[[3-(1,1-dimethylethyl)-2-hydroxy-5-methylphenyl]methyl]-4-methyl-phenyl]ester (CAS Reg. No. 57569–40–1). 1,2-Benzisothiazolin-3-one (CAS Registry No. 2634–33–5)	s preservative only.
Azo-bis-isobutyronitrile. Balata rubber. Barium acetate. Barium peroxide. Barium peroxide. Benzene (benzol). 1,4-Benzenedicarboxylic acid, bis[2-(1,1-dimethylethyl)-6-[[3-(1,1-dimethylethyl)-2-hydroxy-5-methylphenyl]methyl]-4-methyl-phenyl]ester (CAS Reg. No. 57569–40–1). 1,2-Benzisothiazolin-3-one (CAS Registry No. 2634–33–5)	s preservative only.
Balata rubber. Barium acetate. Barium peroxide. Barium peroxide. Barium peroxide. Barium peroxide. Bentonite. Benzene (benzol). 1,4-Benzenedicarboxylic acid, bis[2-(1,1-dimethylethyl)-6-[[3-(1,1-dimethylethyl)-2-hydroxy-5-methylphenyl]methyl]-4-methyl-phenyl]ester (CAS Reg. No. 57569–40–1). 1,2-Benzisothiazolin–3-one (CAS Registry No. 2634–33–5) Benzothiazyldisulfide. P-Benzoxyphenol Benzyl bromoacetate P-Benzyl alcohol. Benzyl bromoacetate P-Benzyl horoxyanisole). BHT (butylated hydroxyanisole). BHT (butylated hydroxyanisole). BHT (butylated hydroxyanisole). Bicyclo[2.2.1]hept-2-ene-6-methyl acrylate. 2-Biphenyl (piphenyl phosphate. Bis(benzoate-O)(2-propanolato)aluminum (CAS Reg. No. 105442–85–1) 1,2-Bis(3,5-di-tert-butyl-4-hydroxyhydrocinnamoyl)hy-drazine (CAS Reg. No. 17540–75–9). 2,6-Bis (1,1-dimethylethyl)-4-(1-methylpropyl)phenol (CAS Reg. No. 17540–75–9). 2,6-Bis (1-methylheptadecyl)-p-cresol. 4-[[4, 6-Bis(octylthio)6-Bis(octylthio)6-Bis(octylthio)-s-triazin-2-yl]aminol-2,6-di-tert-butylphenol (CAS Reg. No. 991–84–4). Bis(tri-n-butyltin) oxide Bis(tri-n-butyltin) oxide Bis(tri-n-butyltin) oxide	s preservative only.
Barium acetate. Barium peroxide. Barium sulfate. Benzene (benzol). 1,4-Benzenedicarboxylic acid, bis[2-(1,1-dimethylethyl)-6-[[3-(1,1-dimethylethyl)-2-hydroxy-5-methylphenyl]methyl]-4-methyl-phenyl]ester (CAS Reg. No. 57569–40–1). 1,2-Benzisothiazolin-3-one (CAS Registry No. 2634–33–5)	s preservative only.
Barium sulfate. Bentonite. Benzene (benzol). 1,4-Benzenedicarboxylic acid, bis[2-(1,1-dimethylethyl)-6-[[3-(1,1-dimethylethyl)-2-hydroxy-5-methylphenyl]methyl]-4-methyl-phenyl]ester (CAS Reg. No. 57569–40–1). 1,2-Benzisothiazolin–3-one (CAS Registry No. 2634–33–5) Benzothiazyldisulfide. P-Benzoxyphenol	s preservative only.
Bentonite. Benzene (benzol). 1,4-Benzenedicarboxylic acid, bis[2-(1,1-dimethylethyl)-6-[[3-(1,1-dimethylethyl)-2-hydroxy-5-methylphenyl]methyl]-4-methyl-phenyl]ester (CAS Reg. No. 57569–40–1). 1,2-Benzisothiazolin-3-one (CAS Registry No. 2634–33–5)	is preservative only.
Benzene (benzol). 1,4-Benzenedicarboxylic acid, bis[2-(1,1-dimethylethyl)-6-[[3-(1,1-dimethylethyl)-2-hydroxy-5-methylphenyl]methyl]-4-methyl-phenyl]ester (CAS Reg. No. 57569–40–1). 1,2-Benzisothiazolin–3-one (CAS Registry No. 2634–33–5)	is preservative only.
$\begin{array}{llllllllllllllllllllllllllllllllllll$	s preservative only.
1,2-BenzisoThiazyIdisulfide. Per use BenzothiazyIdisulfide. Por use BenzothiazyIdisulfide. Por use Benzoyl peroxide. Benzyl benzoate. Benzyl benzoate. Benzyl benzoate. Benzyl bromoacetate p-Benzyloxyphenol	
p-Benzoxyphenol Benzoyl peroxide. Benzyl alcohol. Benzyl benzoate. Benzyl bromoacetate	s preservative only.
Benzyl peroxide. Benzyl alcohol. Benzyl benzoate. Benzyl benzoate. Benzyl bromoacetate ρ -Benzyl bromoacetate ρ -Benzyl bromoacetate ρ -Benzyloxyphenol	
Benzyl benzoate. Benzyl bromoacetate	
Benzyl bromoacetate p -Benzyloxyphenol	
$\begin{array}{llll} p-\text{Benzyloxyphenol} & & & & \text{Do.} \\ BHA (butylated hydroxytoluene). \\ BHT (butylated hydroxytoluene). \\ Bicyclo[2.2.1]hept-2-ene-6-methyl acrylate. \\ 2-Biphenyl diphenyl phosphate. \\ Bis(benzoate-O)(2-propanolato)aluminum (CAS Reg. No. 105442–85–1) For use ester r. 1,2-Bis(3,5-di-tert-butyl-4-hydroxyhydrocinnamoyl)hy-drazine (CAS Reg. No. 32687–78–8). \\ 1,3-Bis(2-benzothiazolylmercaptomethyl) urea. \\ 4,4'-Bis(\alpha,\alpha-dimethylbenzyl)diphenylamine. \\ 2,6-Bis(1,1-dimethylethyl)-4-(1-methylpropyl)phenol (CAS Reg. No. 17540–75–9). \\ 2,6-Bis (1-methylheptadecyl)-p-cresol. \\ 4-[[4, 6-Bis(octylthio)6-Bis(octylthio)6-Bis(octylthio)-s-triazin-2-yl]aminol-2,6-di-tert-butylphenol (CAS Reg. No. 991–84–4). \\ Bis(tri-n-butyltin) oxide & & Do. \\ Bis(tri-n-butyltin) oxide & & Do. \\ \end{array}$	
BHA (butylated hydroxyanisole). BHT (butylated hydroxyanisole). BHT (butylated hydroxytoluene). Bicyclo[2.2.1]hept-2-ene-6-methyl acrylate. 2-Biphenyl diphenyl phosphate. Bis(benzoate-O)(2-propanolato)aluminum (CAS Reg. No. 105442–85–1) 1,2-Bis(3,5-di-tert-butyl-4-hydroxyhydrocinnamoyl)hy-drazine (CAS Reg. No. 32687–78–8). 1,3-Bis(2-benzothiazolylmercaptomethyl) urea. 4,4'-Bis(2-denzothiazolylmercaptomethyl) urea. 4,4'-Bis(3,0,a-dimethylbenzyl)diphenylamine. 2,6-Bis (1,1-dimethylethyl)-4-(1-methylpropyl)phenol (CAS Reg. No. 17540–75–9). 2,6-Bis (1-methylheptadecyl)-p-cresol. 4-[[4, 6-Bis(octylthio)6-Bis(octylthio)-s-triazin-2-yl]amino]-2,6-di-tert-butylphenol (CAS Reg. No. 991–84–4). Bis(tri-n-butyltin) oxide Bis(tri-n-butyltin) oxide Bis(tri-hotromethyl)sulfone C.A. Registry No. 3064–70–8	s preservative only.
BHT (butylated hydroxytoluene). Bicyclo[2.2.1]hept-2-ene-6-methyl acrylate. 2-Biphenyl diphenyl phosphate. Bis(benzoate- <i>O</i>)(2-propanolato)aluminum (CAS Reg. No. 105442–85–1) 1,2-Bis(3,5-di- <i>tert</i> -butyl-4-hydroxyhydrocinnamoyl)hy-drazine (CAS Reg. No. 32687–78–8). 1,3-Bis(2-benzothiazolylmercaptomethyl) urea. 4,4'-Bis(2,-d-dimethylbenzyl)diphenylamine. 2,6-Bis(1,1-dimethylethyl)-4-(1-methylpropyl)phenol (CAS Reg. No. 17540–75–9). 2,6-Bis (1-methylheptadecyl)- <i>p</i> -cresol. 4-[[4, 6-Bis(octylthio)6-Bis(octylthio)-s-triazin-2-yl]amino]-2,6-di- <i>tert</i> -butylphenol (CAS Reg. No. 991–84–4). Bis(tri-n-butyltin) oxide For use Bis(tri-ch)ormethyl)sulfone C.A. Registry No. 3064–70–8	
2-Biphenyl diphenyl phosphate. Bis(benzoate-O)(2-propanolato)aluminum (CAS Reg. No. 105442–85–1) 1,2-Bis(3,5-di- <i>tert</i> -butyl-4-hydroxyhydrocinnamoyl)hy-drazine (CAS Reg. No. 32687–78–8). 1,3-Bis(2-benzothiazolylmercaptomethyl) urea. 4,4'-Bis(2,-a-dimethylbenzyl)diphenylamine. 2,6-Bis(1,1-dimethylehyl)-4-(1-methylpropyl)phenol (CAS Reg. No. 17540–75–9). 2,6-Bis (1-methylheptadecyl)- <i>p</i> -cresol. 4-[[4, 6-Bis(octylthio)6-Bis(octylthio)-s-triazin-2-yl]amino]-2,6-di- <i>tert</i> -butylphenol (CAS Reg. No. 991–84–4). Bis(tri-n-butyltin) oxide For use Bis(tri-n-butyltin) oxide For use Bis(tri-n-butyltin) oxide For use Do.	
Bis(benzoate- <i>O</i>)(2-propanolato)aluminum (CAS Reg. No. 105442–85–1) 1,2-Bis(3,5-di- <i>tert</i> -butyl-4-hydroxyhydrocinnamoyl)hy-drazine (CAS Reg. No. 32687–78–8). 1,3-Bis(2-benzothiazolylmercaptomethyl) urea. 4,4'-Bis(α,α-dimethylbenzyl)diphenylamine. 2,6-Bis(1,1-dimethylethyl)-4-(1-methylpropyl)phenol (CAS Reg. No. 17540–75–9). 2,6-Bis (1-methylheptadecyl)- <i>p</i> -cresol. 4-[[4, 6-Bis(octylthio)6-Bis(octylthio)-s-triazin-2-yl]amino]-2,6-di- <i>tert</i> -butylphenol (CAS Reg. No. 991–84–4). Bis(tri- <i>n</i> -butyltin) oxide Bis(tri- <i>n</i> -butyltin) oxide Bis(tri-hotomethyl)sulfone C.A. Registry No. 3064–70–8	
1,2-Bis(3,5-di- $tert$ -butyl-4-hydroxyhydrocinnamoyl)hy-drazine (CAS Reg. No. 32687–78–8). 1,3-Bis(2-benzothiazolylmercaptomethyl) urea. 4,4'-Bis(α , α -dimethylbenzyl)diphenylamine. 2,6-Bis(1,1-dimethylehyl)-4-(1-methylpropyl)phenol (CAS Reg. No. 17540–75–9). 2,6-Bis (1-methylheptadecyl)- p -cresol. 4-[[4, 6-Bis(octylthio)6-Bis(octylthio)6-Bis(octylthio)-s-triazin-2-yl]aminol-2,6-di- $tert$ -butylphenol (CAS Reg. No. 991–84–4). Bis(tri- α -butylphenol (CAS Reg. No. 991–84–4). Bis(tri- α -butylphenol (CAS Reg. No. 991–84–4). Bis(tri- α -butylphenol (CAS Reg. No. 991–84–6). Bis(tri- α -butylphenol (CAS Reg. No. 991–84–8). Bis(tri- α -butylphenol (CAS Reg. No. 991–84–8).	only as a reactant in the preparation of poly-
No. 32687–78–8).	at a level not to exceed 2 percent by weight
$\begin{array}{llllllllllllllllllllllllllllllllllll$	adhesive.
2,6-Bis(1,1-dimethylethyl)-4-(1-methylpropyl)phenol (CAS Reg. No. 17540–75-9). 2,6-Bis (1-methylheptadecyl)-p-cresol. 4-[[4, 6-Bis(octylthio)6-Bis(octylthio)6-Bis(octylthio)-s-triazin-2-yl]amino]-2,6-di-tert-butylphenol (CAS Reg. No. 991–84–4). Bis(tri-n-butyltin) oxide For use Bis(tri-n-butyltin) oxide Do.	
17540–75–9). 2,6-Bis (1-methylheptadecyl)- <i>p</i> -cresol. 4-[[4, 6-Bis(octylthio)6-Bis(octylthio)- <i>s</i> -triazin-2-yl]amino]- 2,6-di- <i>tert</i> -butylphenol (CAS Reg. No. 991–84–4). Bis(tri- <i>n</i> -butyltin) oxide For use Bis(trichloromethyl)sulfone C.A. Registry No. 3064–70–8 Do.	a an antiquidant and/as atabilinas anks
2,6-Bis (1-methylheptadecyl)- <i>p</i> -cresol. 4-[[4, 6-Bis(octylthio)6-Bis(octylthio)-s-triazin-2-yl]amino]- 2,6-di- <i>tert</i> -butylphenol (CAS Reg. No. 991–84–4). Bis(tri-n-butyltin) oxide For use Bis(trichloromethyl)sulfone C.A. Registry No. 3064–70–8	s an antioxidant and/or stabilizer only.
4-[[4, 6-Bis(octylthio)6-Bis(octylthio)-s-triazin-2-yl]amino]- 2,6-di-tert-butylphenol (CAS Reg. No. 991-84-4). Bis(tri-n-butyltin) oxide For use Bis(tri-nbutyltin) oxide Do.	
Bis(tri-n-butyltin) oxide	
Bis(trichloromethyl)sulfone C.A. Registry No. 3064–70–8	
	s preservative only.
Borax.	
Boric acid.	
	nly as an antibacterial preservative.
	s a surface active agent in adhesives.
known as butanedioic acid, sulfo-1,4-diisodecyl ester, ammonium salt	
[CAS Reg. No. 144093–88–9]) 1,3-Butanediol.	
1,4-Butanediol.	
1,4-Butanediol modified with adipic acid.	
Butoxy polyethylene polyproplyene glycol (molecular weight 900–4,200).	
Butyl acetate. Butyl acetyl ricinoleate.	
Butyl alcohol.	
Butylated reaction product of p-cresol and dicyclopentadiene As identi	
Butylated, styrenated cresols identified in § 178.2010(b) of this chapter.	ied in § 178.2010(b) of this chapter.
Butyl benzoate.	ied in § 178.2010(b) of this chapter.
Butyl benzyl phthalate. Butyldecyl phthalate	ied in § 178.2010(b) of this chapter.
1,3-Butylene glycoldiglycolic acid copolymer.	ied in § 178.2010(b) of this chapter.
tert-Butyl hydroperoxide.	ied in § 178.2010(b) of this chapter.

Substances	Limitations
4,4'-Butylidenebis(6-tert-butyl-m-cresol).	
Butyl lactate.	
Butyloctyl phthalate. <i>p-tert-</i> Butylphenyl salicylate.	
Butyl phthalate butyl glycolate.	
p-tert-Butylpyrocatechol	For use only as polymerization-control agent.
Butyl ricinoleate.	
Butyl rubber polymer. Butyl stearate.	
Butyl titanate, polymerized.	
Butyraldehyde.	
Calcium ethyl acetoacetate.	
Calcium nitrate. Calcium metasilicate.	
Camphor.	
Camphor fatty acid esters.	
Candelilla wax.	
epsilon-Caprolactam-(ethylene-ethyl acrylate) graft polymer. Carbon black, channel process.	
Carbon disulfide-1,1'-methylenedipiperidine reaction product.	
Carbon tetrachloride.	
Carboxymethylcellulose.	
Castor oil, polyoxyethylated (4–84 moles ethylene oxide).	
Cellulose acetate butyrate. Cellulose acetate propionate.	
Ceresin wax (ozocerite).	
Cetyl alcohol.	
Chloracetamide.	
Chloral hydrate. Chlorinated liquid <i>n</i> -paraffins with chain lengths of C ₁₀ -C ₁₇ , containing	
40–70 percent chlorine by weight.	
Chlorinated pyridine mixture with active ingredients consisting of 2,3,5,6-	For use as preservative only.
tetrachloro-4-(methylsulfonyl) pyridine, 2,3,5,6-tetrachloro-4-	
(methylsulfinyl) pyridine and pentachloropyridine. Chlorinated rubber polymer (natural rubber polymer containing approxi-	
mately 67 percent chlorine).	
1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	For use as preservative only.
Chlorobenzene.	
4-Chloro-3,5-dimethylphenol (p-chloro-m-xylenol)	For use as preservative only.
4-Chloro-3-methylphenol5-Chloro-2-methyl-4-isothiazolin-3-one (CAS Reg. No. 26172–55–4) and	Do. For use only as an antimicrobial agent in polyme
2-methyl-4-isothiazolin-3-one (CAS Reg. No. 2682–20–4) mixture at a	latex emulsions.
ratio of 3 parts to 1 part, manufactured from methyl-3-	
mercaptopropionate (CAS Reg. No. 2935–90–2). The mixture may	
contain magnesium nitrate (CAS Reg. No. 10377-60-3) at a con- centration equivalent to the isothiazolone active ingredients (weight/	
weight).	
Chloroform.	
Chloroprene.	
Chromium caseinate.	
Chromium nitrate. Chromium potassium sulfate.	
Cobaltous acetate.	
Coconut fatty acid amine salt of tetrachlorophenol	For use as preservative only.
Copal.	
Copper 8-quinolinolate	For use as preservative only.
Cournarone-indene resin. Cresyl diphenyl phosphate.	
Cumene hydroperoxide.	
Cyanoguanidine.	
Cyclized rubber as identified in § 176.170(b)(2) of this chapter.	
Cyclohexane. 1,4-Cyclohexanedimethanoldibenzoate (CAS Reg. No. 35541-81-2).	
Cyclohexanol.	
Cyclohexanone resin.	
Cyclohexanone-formaldehyde condensate.	
N-Cyclohexyl p-toluene sulfonamide.	Facility and the state of the s
(η ⁵ -Cyclopentadienyl)-(η ⁶ -isopropylbenzene)iron(II) hexafluorophosphate	For use only as a photoinitiator.
(CAS Reg. No. 32760-80-8).	
(CAS Reg. No. 32760–80–8). Damar.	

Substances	Limitations
N,N -Dialkoyl-4,4'-diaminodiphenylmethane mixtures where; the alkoyl groups are derived from marine fatty acids (C_{12} - C_{24}). 2,5-Di- $tert$ -amylhydroquinone.	
Diamines derived from dimerized vegetable oil acids. Diaryl-p-phenylenediamine, where the aryl group may be phenyl, tolyl, or	
xylyl. 1,2-Dibromo-2,4-dicyanobutane (CAS Registry No. 3569-65-7)	For use as a preservative only.
2,2-Dibromo-3-nitrilopropionamide (CAS Reg. No. 10222–01–2) Di(butoxyethyl) phthalate.	For use as a preservative only.
2,Ŝ-Di <i>-tert-</i> butylhydroquinone. Dibutyl maleate.	
2,6-DÍ- <i>tert</i> -butyl-4-methylphenol Di(C ₇ , C₀-alkyl)adipate.	For use as preservative only.
Dibutyl phthalate. Dibutyl sebacate.	
Dibutyltin dilaurate for use only as a catalyst for polyurethane resins.	
1,2-Dichloroethylene (mixed isomers). Dicumyl peroxide.	
Dicyclohexyl phthalate. Diethanolamine.	
Diethanolamine condensed with animal or vegetable fatty acids. Diethylamine.	
Diethylene glycol.	
Diethylene glycol adipic acid copolymer. Diethylene glycol dibenzoate.	
Diethylene glycol hydrogenated tallowate monoester. Diethylene glycol laurate.	
Diethylene glycol monobutyl ether. Diethylene glycol monobutyl ether acetate.	
Diethylene glycol monoethyl ether.	
Diethylene glycol monoethyl ether acetate. Diethylene glycol monomethyl ether.	
Diethylene glycol monooleate. Diethylene glycol monophenyl ether.	
Diethylene glycol copolymer of adipic acid and phthalic anhydride. Di(2-ethylhexyl) adipate.	
Di(2-ethylhexyl)hexahydrophthalate.	
Di(2-ethylhexyl)phthalate. Diethyl oxalate.	
Diethyl phthalate. Dihexyl phthalate.	
Dihydroabietylphthalate. Di(2-hydroxy-5 <i>-tert-</i> butylphenyl) sulfide.	
2,2'-Dihydroxy-5,5'-dichlorodiphenylmethane (dichlorophene).	
4,5-Dihydroxy-2-imidazolidinone. 4-(Diiodomethylsulfonyl) toluene CA Registry No.: 20018–09–01	For use as an antifungal preservative only.
Diisobutyl adipate. Diisobutyl ketone.	
Diisobutylphenoxyethoxyethyl dimethyl benzyl ammonium chloride. Diisobutyl phthalate.	
Diisodecyl adipate.	
Diisodecyl phthalate. Diisooctyl phthalate.	
Diisopropylbenzene hydroperoxide. N.N-Dimethylcyclohexylamine dibutyldithiocarbamate.	
Dimethyl formamide. Dimethyl hexynol.	
2,2-Dimethyl-1,3-propanediol dibenzoate.	
Dimethyl octynediol. N-(1,1-dimethyl-3-oxobutyl) acrylamide.	
Dimethyl phthalate. 3,5-Dimethyl-1,3,5,2 <i>H-</i> tetrahydrothiadiazine-2-thione	For use as preservative only.
Di-β-naphthyl <i>-p-</i> phenylenediamine. 4,6-Dinonyl <i>-o-</i> cresol.	
Dinonylphenol.	
Di- <i>n</i> -octyldecyl adipate. Dioctyldiphenylamine.	
Dioctylphthalate. Dioctylsebacate.	
Dioxane. Dipentaerythritol pentastearate.	
Dipentamethylene-thiuram-tetrasulfide.	
Dipentene	

Dipenten-styrene resin (CAS Registry No. 64536-06-7). Diphenyl-2-thylixey plosphate. Diphenyl, hydrogen ated. Diphenyl, hydrogen ated. M.W. Diphenyl-phenylenediamine. Diphenyl phthalate. 13-Diphenyl-phenylenediamine. Diphenyl phthalate. 13-Diphenyl-phen glycol copolymer of adiple acid and phthalic anhydride. Dipropylene glycol copolymer of adiple acid and phthalic anhydride. Discodium d-isodacyl sulfosuccinate (CAS Reg. No. 37294-49-8). M.W. Distearyletylenediamine. Discodium d-isodacyl sulfosuccinate (CAS Reg. No. 37294-49-8). M.W. Distearyletylenediamine. Distearyl thiodipropionate. 3,5-D-in-thyl-hydroxyhydrocninamic acid triester with 1,3,5-tris(2-hydroxyetyly)-s-triazine2,4,6(1/t, 3/t, 5/t)-frione. 4,4-Dithiodimorphofiline. 1-Dodecylmercaptan. Inter-Dodecylmercaptan. Inter-Dodecylmer	Substances	Limitations
Diphenyl-2-ethylnexyl phosphate. Diphenyl-2-ethylnexyl phosphate. Diphenyl-2-thiourea. Dipropyleng glycol more dealmine. Dipropyleng glycol mo	Dipentene-beta-pinene-styrene resins.	
Diphenyi, hydrogen ated. M.W-Diphenyl-phenylenediamine. Diphenyl phthalate. 1,3-Diphenyl-Fiuliourea. Dipropylene glycol dibenzoate. Dipropylene glycol copolymer of adipic acid and phthalic anhydride. Dipropylene glycol copolymer of adipic acid and phthalic anhydride. Dipropylene glycol copolymer of adipic acid and phthalic anhydride. Dipropylene glycol copolymer of adipic acid and phthalic anhydride. Dipropylene glycol copolymer of adipic acid and phthalic anhydride. Dipropylene glycol copolymer of adipic acid and phthalic anhydride. Dipropylene glycol copolymer of adipic acid and phthalic anhydride. Dipropylene glycol copolymer acid and phthalic anhydride. Dipropylene glycol copolymer acid and acid and acid and acid acid acid acid acid acid acid aci		
N.MDiphenyl-2-thiourea. 1)3-Diphenyl-2-thiourea. 1)3-Diphenyl-2-thiourea. 1)Dipropylene glycol diberazoate. 1)Dipropylene glycol ocopolymer of adipic acid and phthalic anhydride. 1)Dipropylene glycol ocopolymer of adipic acid and phthalic anhydride. 1)Dipropylene glycol ocopolymer of adipic acid and phthalic anhydride. 1)Disodium dyanodithiomidocarbonate. 1)Disodium dyanodium dyanodium dyanodium dyanodium dyanodium dyanodium dyanodium dyanodium dyanodium adisodium salts. 1)Disodium dyanodium dy		
13Diphenyl-2-thiourea. Dipropylene glycol diberazoate. Dipropylene glycol monomethyl ether. Dipropylene glycol copolymer of adipic acid and phthalic anhydride. Discodium vapandithioimidocarbonate. Discodium valorithioimidocarbonate. Discodium valorithyl-nediamine. N.M. Distearylyth-lendiamine. N.M. Distearylyth-lendiamine. N.M. Distearylyth-intorpionate. 3, 50-Di-forbulyth-hydrocinnamic acid triester with 1,3,5-tris(2-hydroxyethyl)-striazine-2,4,6(1 H, 3H, 5H)-trione. 4,4-Dithiodimorpholinen-Dodecylphenoxybenzene-disulfonic acid and/or its calcium, magnesium, and sodium salts. Eleimi gium. Epichiorohydrin-4,4'-isopropylidenediphenol resin. Epichiorohydrin-1,6'-isopropylidenediphenol resin. Epichiorohydrin-1,6'-isopropylidenediphenol-1,6'-isopropylidenediphenol-1,6'-isopropylidenediphenol-1,6'-isopropylidenediphenol-1,6'-isopropylidenediphenol-1,6'-isopropylidenediphenol-1,6'-isopropylidenediphenol-1,6'-isopropylidenediphenol-1,6'-isopropylidenediphenol-1,6'-isopropylidenediphenol-1,6'-isopropylidenediphenol-1,6'-isopropylidenediphenol-1,6'-isopropylidenedi	N,N'-Diphenyl-p-phenylenediamine.	
Dipropylene glycol dibenzoate. Dipropylene glycol dopolymer of adipic acid and phthalic anhydride. Dipropylene glycol copolymer of adipic acid and phthalic anhydride. Disodium disodecy sulfosuccinate (CAS Reg. No. 37294–49–8). N.MDistearcylethylenediamine. Distearyl thiodipropionate. 3,5-Di-fer-butyl-4-hydroxyhrydrocinnamic acid triester with 1,3,5-tris(2-hydroxyethyl-prizazine-2,4,6(1 H, 3H, 5-h)-trione. 4,4-Dithiodimorpholine. -Dodecylmercaptan. -Podecylmercaptan. -In-Dodecylmercaptan.	Diphenyl phthalate.	
Dipropylene glycol monomethyl ether. Dipropylene glycol copolymer of adipic acid and phthalic anhydride. Discodlum vaprodithiomidocarbonate. Discodlum valordithiomidocarbonate. Discodlum valordithiomidocarbonate. Discodlum valordithiomidocarbonate. Discodlum valordithiomidocarbonate. Sp-Di-Parbuhyl-H-hydroxyhydrocinnamic acid triester with 1,3,5-tris(2-hydroxyethyl)-striazine-24,6(1H, 3H, 5H)-trione. 4-*Dithiodimorpholine. **Potecylimercaptan. **Province of the composition		
Dipropylene glycol monomethyl ether. Dipropylene glycol copolymer of adipic acid and phthalic anhydride. Dipropylene glycol copolymer of adipic acid and phthalic anhydride. Dipropylene glycol copolymer of adipic acid and phthalic anhydride. Dipropylene glycol copolymer of adipic acid and phthalic anhydride. Dipropylene glycol copolymer of adipic acid and phthalic anhydride. Jh. J. Ferrita and J.		
Disodium vanodithioimidocarbonate. Disodium 4-sodecyl sulfosuccinate (CAS Reg. No. 37294–49–8). N.MDistearoylethylenediamine. Distearyl thiodipropionate. 3.5-Di-fert-butyl-4-hydroxyhydrocinnamic acid triester with 1,3,5-tris(2-hydroxyethyl)-striazine-2,4,6(1 <i>H., 3H., 5H</i>)-trione. 4.4-Dihiodimorpholine. 1-Dodecylmercaptan. 1-Dodecylmercaptan. 1-Dodecylmercaptan. 1-Bichlorohydrin-4,4-isopropylidenediphenol resin. Epichlorohydrin-4,4-isopropylidenediphenol resin. Epichlorohydrin-1,4-isopropylidenediphenol resin. Epichlorohydrin-1,4-isopropylidenediphenol resin. Epichlorohydrin-1,4-isopropylidenediphenol resin. Epichlorohydrin-1,4-isopropylidenediphenol resin. Epichlorohydrin-2,4-isopropylidenediphenol resin. Epichlorohydrin-2,4-isopropylidenediphenol resin. Epichlorohydrin-3,4-isopropylidenediphenol resin. Epichlorohydrin-4,4-isopropylidenediphenol resin. Epichlorohydrin-4,4-isopropylidenediph	Dipropylene glycol monomethyl ether.	
Disodium 4-isodecyl sulfosuccinate (CAS Reg. No. 37294–49–8). M. P. Distearyl thiodipropionate. 3,5-Di-ref-bul-4-hydroxyhydrocinnamic acid triester with 1,3,5-tris(2-hydroxyethyl)-s-triazine-2,4,6(1,H, 3H, 5H)-trione. 4,4-Dithiodimorpholine. Dodecylmercaptan. Dodecylmercap		
N.MDistearoylethylenediamine. Distearyl thiodipropionate. 3,5-Di-fert-butyl-4-hydroxyhydrocinnamic acid triester with 1,3,5-tris(2-hydroxyhydrocinorpholine. 4,4-Dihiodimorpholine. 7-Dodecylmercaptan. Podecylmercaptan. Dodecylmercaptan. Dedecylmercaptan. Eighiodiorydyn-4,4-isopropylidenediphenol resin. Epichtorohydrin-4,4-isopropylidenediphenol resin. Epichtorohydrin-4,4-isopropylidenediphenol-enological residentiphenological residen		
Disteary thiodipropionate. 3,50-Pier/buly-4-hydroxyhydrocinnamic acid triester with 1,3,5-tris(2-hydroxyethyl)-5-triazine-2,4,6(1 <i>H</i> , 3 <i>H</i> , 5 <i>H</i>)-trione. 4,4-Dihiodimorpholinen-Dodecylmercaptanter/Dod		
droxyethyl)-s-triazine-2.4,6(1 <i>H</i> , 3 <i>H</i> , 5 <i>H</i>)-trione. 4,4-'Dihiodimorpholinen-Dodecylmercaptan. ter-Dodecylmercaptan. ter-Dodecylmercaptan. Epichiorohydrin-4,4'-isopropylidenediphenol resin. Epichiorohydrin-4,4'-isopropylidenediphenol resin. Epichiorohydrin-4,4'-isopropylidenediphenol resin. Epichiorohydrin-4,4'-isopropylidenediphenol resin. Epichiorohydrin-4,4'-isopropylidenediphenol resin. Epichiorohydrin-henoltormaldehyde resin. Erucamide (erucylamide). Ethanolamine. Ethanolamine. Ethanolamine. Ethanolamine. Ethosylated primary linear alcohols of greater than 10 percent ethylene oxide by weight having molecular weights of 390 to 7,000 (CAS Reg. No. 97853-22-5). Ethosypropanol butyl ether. Ethyl alcohol (ethanol). 5-Ethyl-1-3-Gilgylcidyl-5-methylhydantoin (CAS Reg. No. 15336-82-0). Ethylene-acrylic acid-carbon monoxide copolymer (CAS Reg. No. 97756-27-9). Ethylene-acrylic acid copolymer, partial sodium salt containing no more than 20 percent acrylic acid by weight, and no more than 16 percent of the acrylic acid as the sodium salt (CAS Reg. No. 25750-82-7). Ethylenediamine. Ethylenediamine. Ethylenediamineletra-acetic acid, calcium, ferric, potassium, or sodium salts, single or mixed. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether. Ethylene glycol monomethyl ether. Ethylene glycol monomethyl ether. Ethylene glycol monomethyl ether. Ethylene glycol monomethyl ether. Ethylene-carbon monoxide copolymer (CAS Reg. No. 25052-62-4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-acrylic more than 30 weight percent of the units derived from carbon monoxide. Ethylene-enerthacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-enerthacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-enerthacrylic acid carbon monoxide tetopolymer (CAS Registry No.	Distearyl thiodipropionate.	
4.4-Dithiodimorpholine. -n-Dodecylmercaptan. -n-Dodecylmercaptan		For use as antioxidant only.
n-Dodecylphenoxybenzenation. bedecylphenoxybenzenation.		
Dodecylphenoxybenzene-disulfonic acid and/or its calcium, magnesium, and sodium salts. Elemi gum. Elpichlorohydrin-4,4'-isopropylidenediphenol resin. Epichlorohydrin-4,4'-isopropylidenediphenol resin. Epichlorohydrin-4,4'-isopropylidenediphenol resin. Epichlorohydrin-henolformaldehyde resin. Erucamide (erucylamide). Ethanolamine. Ethoxylated primary linear alcohols of greater than 10 percent ethylene oxide by weight having molecular weights of 390 to 7,000 (CAS Reg. No. 97853-22-5). Ethoxypropano butyl ether. Ethyl alcohol (ethanol). 5-Eithyl-1,3-diglycidyl-5-methylhydantoin (CAS Reg. No. 15336-82-0). Ethylene-acrylic acid-carbon monoxide copolymer (CAS Reg. No. 97756-27-9). Ethylene-acrylic acid carbon monoxide copolymer (CAS Reg. No. 9756-27-9). Ethylene-acrylic acid as the sodium salt (CAS Reg. No. 25750-82-7). Ethylenediamine. Ethylenediamine. Ethylenediamineletra-acetic acid, calcium, ferric, potassium, or sodium salts, single or mixed. Ethylene dichloride. Ethylene glycol monobutyl ether. Ethylene-acrbon monoxide copolymer (CAS Reg. No. 25052-62-4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-methacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate	n-Dodecylmercaptan.	
and sodium salts. Elemi gum. Epichlorohydrin-4,4'-isopropylidenediphenol resin. Epichlorohydrin-4,4'-isopropylidene-diphenol resin. Epichlorohydrin-4,4'-isopropylidene-di-o-cresol resin. Epichlorohydrin-phenolformaldehyde resin. Epichlorohydrin-phenolformaldehyde resin. Epichlorohydrin-phenolformaldehyde resin. Epichlorohydrin-phenolformaldehyde resin. Ethoxylated primary linear alcohols of greater than 10 percent ethylene oxide by weight having molecular weights of 390 to 7,000 (CAS Reg. No. 97953–22–5). Ethoxypropanol butyl ether. Ethylalcohol (ethanol). 5-Ethyl-13-diglycidyl-5-methylhydantoin (CAS Reg. No. 15336–82–0). Ethylen-acrylic acid-carbon monoxide copolymer (CAS Reg. No. 97756–27–9). Ethylene-acrylic acid copolymer, partial sodium salt containing no more than 20 percent acrylic acid by weight, and no more than 16 percent of the acrylic acid as the sodium salt (CAS Reg. No. 25750–82–7). Ethylene-diamine. Ethylenediamine. Ethylenediaminetetra-acetic acid, calcium, ferric, potassium, or sodium salts, single or mixed. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether. Ethylene glycol monoethyl ether. Ethylene-glycol monoethyl ether. Ethylene-glycol monoethyl ether. Ethylene-glycol monoethyl ether. Ethylene-glycol monoethyl ether. Ethylene-entheacylic acid copolymer (CAS Reg. No. 25052–62–4) containing not more than 30 weight percent of the units derived from carbon monoxide copolymer (CAS Reg. No. 25052–62–4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-methacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-entheacrylic acid copolymer sontaining not less than 70 weight percent ethylene (CAS Reg. No. 26221–73–8). Ethylene-propylene-dicy	tert-Dodecylmercaptan.	
Elemi gum. Epichlorohydrin-4,4'-isopropylidenediphenol resin. Epichlorohydrin-4,4'-isopropylidenediphenol resin. Epichlorohydrin-4,4'-isopropylidene-di-o-cresol resin. Epichlorohydrin-phenolformaldehyde resin. Erucamide (erucylamide). Ethanolamine. Ethoxylated primary linear alcohols of greater than 10 percent ethylene oxide by weight having molecular weights of 390 to 7,000 (CAS Reg. No. 97853-22-5). Ethoxypropanol butyl ether. Ethyl alcohol (ethanol). 5-Ethyl-13-diglycidyl-5-methylhydantoin (CAS Reg. No. 15336-82-0). 5-Ethylene-acrylic acid-carbon monoxide copolymer (CAS Reg. No. 97756-27-9). Ethylene-acrylic acid copolymer, partial sodium salt containing no more than 20 percent acrylic acid by weight, and no more than 16 percent of the acrylic acid as the sodium salt (CAS Reg. No. 25750-82-7). Ethylenediamine. Ethylenediamine. Ethylenediamineletra-acetic acid, calcium, ferric, potassium, or sodium salts, single or mixed. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether. Ethylene glycol monoethyl ether. Ethylene glycol monoethyl ether. Ethylene glycol monomethyl ether. Ethylene-glycol monomethy		
Epichlorohydrin-4.4'-isopropylidenediphenol resin. Epichlorohydrin-4.4'-isopropylidene-di-o-cresol resin. Epichlorohydrin-phenolformaldehyde resin. Epichlorohydrin-phenolformaldehyde resin. Ethoxylated primary linear alcohols of greater than 10 percent ethylene oxide by weight having molecular weights of 390 to 7,000 (CAS Reg. No. 97953-22-5). Ethoxypropano butyl ether. Ethylalcohol (ethanol). 5-Ethyl-13-diglycidyl-5-methylhydantoin (CAS Reg. No. 15336-82-0). Ethylene-acrylic acid-carbon monoxide copolymer (CAS Reg. No. 97953-27-9). Ethylene-acrylic acid copolymer, partial sodium salt containing no more than 20 percent acrylic acid by weight, and no more than 16 percent of the acrylic acid as the sodium salt (CAS Reg. No. 25750-82-7). Ethylene-diamine. Ethylenediamine. Ethylenediaminetetra-acetic acid, calcium, ferric, potassium, or sodium salts, single or mixed. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether acetate. Ethylene glycol monoethyl ether. Ethylene-methacrylic acid copolymer (CAS Reg. No. 25052-62-4) containing not more than 30 weight percent of the units derived from car- bon monoxide. Ethylene-methacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-evene-1 copolymers containing not less than 70 weight per- cent ethylene (CAS Reg. No. 26221-73-8). Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene-propylene-dicyclopentadiene copolymer (CAS Registry No.	Elemi gum.	
Epichlorohydrin-4.4'-isopropylidene-di-o-cresol resin. Epichlorohydrin-phenolformaldehyde resin. Erucamide (erucylamide). Ethanolamine. Ethoxylated primary linear alcohols of greater than 10 percent ethylene oxide by weight having molecular weights of 390 to 7,000 (CAS Reg. No. 97535–22–5). Ethoxypropanol butyl ether. Ethyl alcohol (ethanol). 5-Ethyl-1,3-diglycidyl-5-methylhydantoin (CAS Reg. No. 15336–82–0). Ethylene-acrylic acid-carbon monoxide copolymer (CAS Reg. No. 97756–27–9). Ethylene-acrylic acid-carbon monoxide copolymer (CAS Reg. No. 97756–27–9). Ethylene-acrylic acid by weight, and no more than 16 percent of the acrylic acid by weight, and no more than 16 percent of the acrylic acid set sodium salt (CAS Reg. No. 25750–82–7). Ethylenediamine. Ethylenediamine. Ethylenediamine. Ethylene dichloride. Ethylene dichloride. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether acetate. Ethylene glycol monobutyl ether acetate. Ethylene glycol monoethyl ether. Ethylene glycol monoethyl ether. Ethylene glycol monomethyl ether. Ethylene glycol monomethyl ether. Ethylene glycol monomethyl ether. Ethylene glycol monomethyl ether. Ethylene acetaton monoxide copolymer (CAS Reg. No. 25052–62–4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-maleic anthydride copolymer, ammonium or potassium salt. Ethylene-maleic anthydride copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid copolymer acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid copolymer sontaining not less than 70 weight percent ethylene (CAS Reg. No. 26221–73–8). Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene-propylene-dicyclopentadiene copolymer rubber.	Epichlorohydrin-4,4'-isopropylidenediphenol resin.	
Epichlorohydrin-phenolformaldehyde resin. Ethoxylated primary linear alcohols of greater than 10 percent ethylene oxide by weight having molecular weights of 390 to 7,000 (CAS Reg. No. 97953–22–5). Ethoxypropanol butyl ether. Ethyl alcohol (ethanol). 5-Ethyl-1,3-diglycidyl-5-methylhydantoin (CAS Reg. No. 15336–82–0). Ethylene-acrylic acid-carbon monoxide copolymer (CAS Reg. No. 97756–27–9). Ethylene-acrylic acid copolymer, partial sodium salt containing no more than 20 percent acrylic acid by weight, and no more than 16 percent of the acrylic acid as the sodium salt (CAS Reg. No. 25750–82–7). Ethylene-diamine. Ethylenediamine. Ethylenediaminetetra-acetic acid, calcium, ferric, potassium, or sodium salts, single or mixed. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether acetate. Ethylene glycol monoethyl ether acetate. Ethylene glycol monoethyl ether. Ethylene-carbon monoxide copolymer (CAS Reg. No. 25052–62–4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-melaic anhydride copolymer, ammonium or potassium salt. Ethylene-melaic anhydride copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-erotene-1 copolymers containing not less than 70 weight percent ethylene (CAS Reg. No. 26221–73–8). Ethylene-propylene-dicyclopentadiene and 2,5-norbornadiene tetrapolymer. Ethylene-propylene-il-quence acorbon monoxide terpolymer (CAS Registry No.	Epichlorohydrin-4,4'-sec-butylidenediphenol resin.	
Erucamide (erucylamide). Ethanolamine. Ethoxylated primary linear alcohols of greater than 10 percent ethylene oxide by weight having molecular weights of 390 to 7,000 (CAS Reg. No. 97953–22–5). Ethoxypropanol butyl ether. Ethyl alcohol (ethanol). 5-Ethyl-1-3-diglycidyl-5-methylhydantoin (CAS Reg. No. 15336–82–0). Ethylene-acrylic acid-carbon monoxide copolymer (CAS Reg. No. 97756–27–9). Ethylene-acrylic acid copolymer, partial sodium salt containing no more than 20 percent acrylic acid by weight, and no more than 16 percent of the acrylic acid sthe sodium salt (CAS Reg. No. 25750–82–7). Ethylenediamine. Ethylenediamine. Ethylenediaminetetra-acetic acid, calcium, ferric, potassium, or sodium salts, single or mixed. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether acetate. Ethylene glycol monoethyl ether acetate. Ethylene glycol monoethyl ether icinoleate. Ethylene glycol monomethyl ether. Ethylene-acarbon monoxide copolymer (CAS Reg. No. 25052–62–4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-maleic anhydride copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-octene-1 copolymers containing not less than 70 weight percent ethylene (CAS Reg. No. 252–173–8). Ethylene-propylene-dicyclopentadiene copolymer rubber.		
Ethoxylated primary linear alcohols of greater than 10 percent ethylene oxide by weight having molecular weights of 390 to 7,000 (CAS Reg. No. 97953–22–5). Ethoxypropanol butyl ether. Ethyl alcohol (ethanol). 5-Ethyl-1-3-diglycidyl-5-methylhydantoin (CAS Reg. No. 15336–82–0). Ethylene-acrylic acid-carbon monoxide copolymer (CAS Reg. No. 97756–27–9). Ethylene-acrylic acid copolymer, partial sodium salt containing no more than 20 percent acrylic acid by weight, and no more than 16 percent of the acrylic acid as the sodium salt (CAS Reg. No. 25750–82–7). Ethylenediamine. Ethylenediaminetetra-acetic acid, calcium, ferric, potassium, or sodium salts, single or mixed. Ethylene dichloride. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether. Ethylene glycol monoethyl ether. Ethylene glycol monoethyl ether acetate. Ethylene glycol monoethyl ether. Ethylene glycol monoethyl ether. Ethylene glycol monophenyl ether. Ethylene glycol monophenyl ether. Ethylene glycol monophenyl ether. Ethylene-carbon monoxide copolymer (CAS Reg. No. 25052–62–4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-maleic anhydride copolymer, ammonium or potassium salt. Ethylene-maleic anhydride copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-mathacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-octene-1 copolymers containing not less than 70 weight percent ethylene (CAS Reg. No. 2621–73–8). Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene-propylene-dicyclopentadiene and 2,5-norbornadiene tetrapolymer. Ethylene-propylene, 1,4-hexadiene and 2,5-norbornadiene tetrapolymer.	Erucamide (erucylamide).	
oxide by weight having molecular weights of 390 to 7,000 (CAS Reg. No. 97953–22–5). Ethoxypropanol butyl ether. Ethyl alcohol (ethanol). 5-Ethyl-1,3-diglycidyl-5-methylhydantoin (CAS Reg. No. 15336–82–0). Ethylene-acrylic acid-carbon monoxide copolymer (CAS Reg. No. 97756–27–9). Ethylene-acrylic acid copolymer, partial sodium salt containing no more than 20 percent acrylic acid by weight, and no more than 16 percent of the acrylic acid as the sodium salt (CAS Reg. No. 25750–82–7). Ethylenediamine. Ethylenediamineletra-acetic acid, calcium, ferric, potassium, or sodium salts, single or mixed. Ethylene dichloride. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether acetate. Ethylene glycol monobutyl ether acetate. Ethylene glycol monoethyl ether ricinoleate. Ethylene glycol monoethyl ether. Ethylene glycol monophenyl ether. Ethylene glycol monophenyl ether. Ethylene glycol monophenyl ether. Ethylene glycol monophenyl ether. Ethylene-carbon monoxide copolymer (CAS Reg. No. 25052–62–4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-maleic anhydride copolymer, ammonium or potassium salt. Ethylene-maleic anhydride copolymer, ammonium or potassium salt. Ethylene-maleic anhydride copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-octene-1 copolymers containing not less than 70 weight percent ethylene (CAS Reg. No. 26221–73–8). Ethylene-propylene-dicyclopentadiene copolymer (CAS Registry No.	Ethanolamine.	
No. 97953–22–5). Ethoyarpopanol butyl ether. Ethyl alcohol (ethanol). 5-Ethyl-1,3-diglycidyl-5-methylhydantoin (CAS Reg. No. 15336–82–0). Ethylene-acrylic acid-carbon monoxide copolymer (CAS Reg. No. 97756–27–9). Ethylene-acrylic acid copolymer, partial sodium salt containing no more than 20 percent acrylic acid by weight, and no more than 16 percent of the acrylic acid as the sodium salt (CAS Reg. No. 25750–82–7). Ethylenediamine. Ethylenediamine. Ethylene dichloride. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether. Ethylene glycol monoethyl ether acetate. Ethylene glycol monoethyl ether acetate. Ethylene glycol monoethyl ether. Ethylene glycol monomethyl ether. Ethylene-acarbon monoxide copolymer (CAS Reg. No. 25052–62–4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-methacrylic acid copolymer, ammonium or potassium salt. Ethylene-methacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-octene-1 copolymers containing not less than 70 weight percent ethylene-cotene-1 copolymers containing not less than 70 weight percent ethylene-octene-1 copolymers containing not less than 70 weight percent ethylene-flocylopentadiene copolymer rubber. Ethylene-propylene-dicyclopentadiene copolymer (CAS Registry No.		
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5-Ethylene-acrylic acid-carbon monoxide copolymer (CAS Reg. No. 15336–82–0). Ethylene-acrylic acid carbon monoxide copolymer (CAS Reg. No. 97756–27–9). Ethylene-acrylic acid copolymer, partial sodium salt containing no more than 20 percent acrylic acid by weight, and no more than 16 percent of the acrylic acid as the sodium salt (CAS Reg. No. 25750–82–7). Ethylenediamine. Ethylenediamine. Ethylenediaminetetra-acetic acid, calcium, ferric, potassium, or sodium salts, single or mixed. Ethylene glycol mixed. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether acetate. Ethylene glycol monoethyl ether acetate. Ethylene glycol monoethyl ether ricinoleate. Ethylene glycol monoethyl ether. Ethylene glycol monomethyl ether. Ethylene-carbon monoxide copolymer (CAS Reg. No. 25052–62–4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-maleic anhydride copolymer, ammonium or potassium salt. Ethylene-methacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-propylene-dicyclopentadiene copolymer rubber.	Ethoxypropanol butyl ether.	
Ethylene-acrylic acid-carbon monoxide copolymer (CAS Reg. No. 97756-27-9). Ethylene-acrylic acid copolymer, partial sodium salt containing no more than 20 percent acrylic acid by weight, and no more than 16 percent of the acrylic acid as the sodium salt (CAS Reg. No. 25750-82-7). Ethylenediamine. Ethylenediaminetetra-acetic acid, calcium, ferric, potassium, or sodium salts, single or mixed. Ethylene dichloride. Ethylene glycol. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether. Ethylene glycol monoethyl ether. Ethylene glycol monoethyl ether acetate. Ethylene glycol monoethyl ether ricinoleate. Ethylene glycol monoethyl ether. Ethylene glycol monophenyl ether. Ethylene-acrbon monoxide copolymer (CAS Reg. No. 25052-62-4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-maleic anhydride copolymer, ammonium or potassium salt. Ethylene-methacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer routber. Ethylene-dicyclopentadiene copolymer roubber. Ethylene-dicyclopentadiene copolymer roubber. Ethylene-propylene-dicyclopentadiene copolymer roubber. Ethylene-propylene-dicyclopentadiene copolymer (CAS Registry No.	Ethyl alcohol (ethanol).	
Ethylene-acrylic acid copolymer, partial sodium salt containing no more than 20 percent acrylic acid by weight, and no more than 16 percent of the acrylic acid as the sodium salt (CAS Reg. No. 25750–82–7). Ethylenediamine. Ethylenediaminetetra-acetic acid, calcium, ferric, potassium, or sodium salts, single or mixed. Ethylene glycol. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether acetate. Ethylene glycol monobutyl ether acetate. Ethylene glycol monoethyl ether acetate. Ethylene glycol monoethyl ether ricinoleate. Ethylene glycol monoethyl ether. Ethylene glycol monomethyl ether. Ethylene-glycol monomethyl ether. Ethylene-acroon monoxide copolymer (CAS Reg. No. 25052–62–4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-maleic anhydride copolymer partial saits: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid copolymer partial saits: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-clopene-dicyclopentadiene copolymer rubber. Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene, propylene, 1,4-hexadiene and 2,5-norbornadiene tetrapolymer. Ethylene-winyl acetate carbon monoxide terpolymer (CAS Registry No.		
Ethylene-acrylic acid copolymer, partial sodium salt containing no more than 20 percent acrylic acid by weight, and no more than 16 percent of the acrylic acid as the sodium salt (CAS Reg. No. 25750–82–7). Ethylenediamine. Ethylenediaminetetra-acetic acid, calcium, ferric, potassium, or sodium salts, single or mixed. Ethylene dichloride. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether acetate. Ethylene glycol monoethyl ether acetate. Ethylene glycol monoethyl ether acetate. Ethylene glycol monoethyl ether ricinoleate. Ethylene glycol monoethyl ether. Ethylene glycol monomethyl ether. Ethylene glycol monomethyl ether. Ethylene glycol monomethyl ether. Ethylene glycol monomethyl ether. Ethylene-carbon monoxide copolymer (CAS Reg. No. 25052–62–4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-maleic anhydride copolymer, ammonium or potassium salt. Ethylene-maleic anhydride copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-octene-1 copolymers containing not less than 70 weight percent ethylene (CAS Reg. No. 26221–73–8). Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene, propylene, 1,4-hexadiene and 2,5-norbornadiene tetrapolymer. Ethylene-vinyl acetate carbon monoxide terpolymer (CAS Registry No.		
of the acrylic acid as the sodium salt (CAS Reg. No. 25750–82–7). Ethylenediamine. Ethylenediaminetetra-acetic acid, calcium, ferric, potassium, or sodium salts, single or mixed. Ethylene dichloride. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether acetate. Ethylene glycol monoethyl ether. Ethylene glycol monoethyl ether acetate. Ethylene glycol monoethyl ether ricinoleate. Ethylene glycol monoethyl ether ricinoleate. Ethylene glycol monoethyl ether. Ethylene glycol monomethyl ether. Ethylene glycol monomethyl ether. Ethylene glycol monomethyl ether. Ethylene glycol monomethyl ether. Ethylene-acrbon monoxide copolymer (CAS Reg. No. 25052–62–4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-maleic anhydride copolymer, ammonium or potassium salt. Ethylene-methacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer rober. Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene, propylene, 1,4-hexadiene and 2,5-norbornadiene tetrapolymer. Ethylene-vinyl acetate carbon monoxide terpolymer (CAS Registry No.	Ethylene-acrylic acid copolymer, partial sodium salt containing no more	
Ethylenediamine. Ethylenediaminetetra-acetic acid, calcium, ferric, potassium, or sodium salts, single or mixed. Ethylene glycol. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether acetate. Ethylene glycol monoethyl ether ricinoleate. Ethylene glycol monoethyl ether ricinoleate. Ethylene glycol monomethyl ether. Ethylene glycol monomethyl ether. Ethylene glycol monomethyl ether. Ethylene-carbon monoxide copolymer (CAS Reg. No. 25052–62–4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-maleic anhydride copolymer, ammonium or potassium salt. Ethylene-methacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-octene-1 copolymers containing not less than 70 weight percent ethylene (CAS Reg. No. 26221–73–8). Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene, propylene, 1,4-hexadiene and 2,5-norbornadiene tetrapolymer. Ethylene-vinyl acetate carbon monoxide terpolymer (CAS Registry No.		
Ethylene dichloride. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether acetate. Ethylene glycol monobutyl ether acetate. Ethylene glycol monoethyl ether. Ethylene glycol monoethyl ether. Ethylene glycol monoethyl ether acetate. Ethylene glycol monoethyl ether ricinoleate. Ethylene glycol monoethyl ether ricinoleate. Ethylene glycol monoethyl ether. Ethylene glycol monophenyl ether. Ethylene glycol monophenyl ether. Ethylene-acrbon monoxide copolymer (CAS Reg. No. 25052–62–4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-maleic anhydride copolymer, ammonium or potassium salt. Ethylene-methacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-etone-1 copolymers containing not less than 70 weight percent ethylene (CAS Reg. No. 26221–73–8). Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene, propylene, 1,4-hexadiene and 2,5-norbornadiene tetrapolymer. Ethylene-winyl acetate carbon monoxide terpolymer (CAS Registry No.		
salts, single or mixed. Ethylene dichloride. Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether acetate. Ethylene glycol monobutyl ether acetate. Ethylene glycol monoethyl ether. Ethylene glycol monoethyl ether ricinoleate. Ethylene glycol monoethyl ether ricinoleate. Ethylene glycol monomethyl ether. Ethylene glycol monomethyl ether. Ethylene glycol monomethyl ether. Ethylene-glycol monomethyl ether. Ethylene-carbon monoxide copolymer (CAS Reg. No. 25052–62–4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-maleic anhydride copolymer, ammonium or potassium salt. Ethylene-methacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-ctene-1 copolymers containing not less than 70 weight percent ethylene (CAS Reg. No. 26221–73–8). Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene, propylene, 1,4-hexadiene and 2,5-norbornadiene tetrapolymer. Ethylene-vinyl acetate carbon monoxide terpolymer (CAS Registry No.		
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Ethylene glycol monobutyl ether. Ethylene glycol monobutyl ether acetate. Ethylene glycol monoethyl ether. Ethylene glycol monoethyl ether acetate. Ethylene glycol monoethyl ether ricinoleate. Ethylene glycol monoethyl ether ricinoleate. Ethylene glycol monomethyl ether. Ethylene glycol monomethyl ether. Ethylene glycol monophenyl ether. Ethylene-carbon monoxide copolymer (CAS Reg. No. 25052–62–4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-maleic anhydride copolymer, ammonium or potassium salt. Ethylene-methacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-ctene-1 copolymers containing not less than 70 weight percent ethylene (CAS Reg. No. 26221–73–8). Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene, propylene, 1,4-hexadiene and 2,5-norbornadiene tetrapolymer. Ethylene-vinyl acetate carbon monoxide terpolymer (CAS Registry No.	Ethylene dichloride.	
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Ethylene glycol monoethyl ether. Ethylene glycol monoethyl ether acetate. Ethylene glycol monoethyl ether ricinoleate. Ethylene glycol monomethyl ether. Ethylene glycol monophenyl ether. Ethylene glycol monophenyl ether. Ethylene-carbon monoxide copolymer (CAS Reg. No. 25052–62–4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-maleic anhydride copolymer, ammonium or potassium salt. Ethylene-methacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-octene-1 copolymers containing not less than 70 weight percent ethylene (CAS Reg. No. 26221–73–8). Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene, propylene, 1,4-hexadiene and 2,5-norbornadiene tetrapolymer. Ethylene-vinyl acetate carbon monoxide terpolymer (CAS Registry No.		
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Ethylene-glycol monophenyl ether. Ethylene-carbon monoxide copolymer (CAS Reg. No. 25052–62–4) containing not more than 30 weight percent of the units derived from carbon monoxide. Ethylene-maleic anhydride copolymer, ammonium or potassium salt. Ethylene-methacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-ctene-1 copolymers containing not less than 70 weight percent ethylene (CAS Reg. No. 26221–73–8). Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene, propylene, 1,4-hexadiene and 2,5-norbornadiene tetrapolymer. Ethylene-vinyl acetate carbon monoxide terpolymer (CAS Registry No.		
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Ethylene-maleic anhydride copolymer, ammonium or potassium salt. Ethylene-methacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-cotene-1 copolymers containing not less than 70 weight percent ethylene (CAS Reg. No. 26221–73–8). Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene, propylene, 1,4-hexadiene and 2,5-norbornadiene tetrapolymer. Ethylene-vinyl acetate carbon monoxide terpolymer (CAS Registry No.		
Ethylene-methacrylic acid copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-octene-1 copolymers containing not less than 70 weight percent ethylene (CAS Reg. No. 26221–73–8). Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene, propylene, 1,4-hexadiene and 2,5-norbornadiene tetrapolymer. Ethylene-vinyl acetate carbon monoxide terpolymer (CAS Registry No.		
magnesium, sodium, and/or zinc. Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammonium, calcium, magnesium, sodium, and/or zinc. Ethylene-octene-1 copolymers containing not less than 70 weight percent ethylene (CAS Reg. No. 26221–73–8). Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene, propylene, 1,4-hexadiene and 2,5-norbornadiene tetrapolymer. Ethylene-vinyl acetate carbon monoxide terpolymer (CAS Registry No.		
nium, calcium, magnesium, sodium, and/or zinc. Ethylene-octene-1 copolymers containing not less than 70 weight percent ethylene (CAS Reg. No. 26221–73–8). Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene, propylene, 1,4-hexadiene and 2,5-norbornadiene tetrapolymer. Ethylene-vinyl acetate carbon monoxide terpolymer (CAS Registry No.	magnesium, sodium, and/or zinc.	
Ethylene-octene-1 copolymers containing not less than 70 weight percent ethylene (CAS Reg. No. 26221–73–8). Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene, propylene, 1,4-hexadiene and 2,5-norbornadiene tetrapolymer. Ethylene-vinyl acetate carbon monoxide terpolymer (CAS Registry No.	Ethylene-methacrylic acid-vinyl acetate copolymer partial salts: Ammo-	
cent ethylene (CAS Reg. No. 26221–73–8). Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene, propylene, 1,4-hexadiene and 2,5-norbornadiene tetrapolymer. Ethylene-vinyl acetate carbon monoxide terpolymer (CAS Registry No.		
Ethylene-propylene-dicyclopentadiene copolymer rubber. Ethylene, propylene, 1,4-hexadiene and 2,5-norbornadiene tetrapolymer. Ethylene-vinyl acetate carbon monoxide terpolymer (CAS Registry No.		
Ethylene-vinyl acetate carbon monoxide terpolymer (CAS Registry No.	Ethylene-propylene-dicyclopentadiene copolymer rubber.	
	26337–35–9) containing not more than 15 weight percent of units de-	
rived from carbon monoxide.		
2,2'-Ethylidenebis (4,6-di- <i>tert</i> -butylphenol) (CAS Reg. No. 35958–30–6).	2,2'-Ethylidenebis (4,6-di-tert-butylphenol) (CAS Reg. No. 35958–30–6).	
	Ethyl-p-hydroxybenzoate	For use as preservative only.
	Ethyl hydroxyethylcellulose. Ethyl lactate.	
	2,2'-Ethylidenebis(4,6-di- <i>tert</i> -butylphenyl)fluorophosphonite (CAS Reg.	For use as an antioxidant and/or stabilizer only.
No. 118337–09–0).	No. 118337–09–0).	
Ethyl phthalyl ethyl glycolate.	Ethyl phthalyl ethyl glycolate.	

Substances	Limitations
Ethyl-p-toluene sulfonamide Fats and oils derived from animal or vegetable sources, and the hydro-	
genated, sulfated, or sulfonated forms of such fats and oils. Fatty acids derived from animal or vegetable fats and oils; and salts of such acids, single or mixed, as follows:	
Aluminum. Ammonium.	
Calcium. Magnesium.	
Potassium. Sodium. Zinc.	
Ferric chloride.	
Fluosilicic acid (hydrofluosilicic acid)	For use only as bonding agent for aluminum foil, sta- bilizer, or preservative. Total fluoride from all sources not to exceed 1 percent by weight of the finished adhesive.
Formaldehyde. Formaldehyde <i>o</i> - and <i>p-</i> toluene sulfonamide.	
-ormamide. -umaratochromium (III) nitrate. -urfural.	
undia. Eurfuryl alcohol. Eumaric acid.	
gamma-Aminopropyltrimethoxysilane (CAS Reg. No. 13822–56–5). Glutaraldehyde.	
Journaldenyde. Glycerides, di- and monoesters. Glycerol polyoxypropylene triol, minimum average molecular weight 250	For use only in the preparation of polyceter and poly
(CAS Reg. No. 25791–96–2). Glyceryl borate (qlycol boriborate resin).	For use only in the preparation of polyester and polyurethane resins in adhesives.
Glyceryl ester of damar, copal, elemi, and sandarac. Glyceryl monobutyl ricinoleate.	
Glyceryl monohydroxy stearate. Glyceryl monohydroxy tallowate.	
Glyceryl polyoxypropylene triol (average molecular weight 1,000).	
Glyceryl tribenzoate. Glycol diacetate.	
Glyoxal. Heptane.	
Hexamethylenetetramine. Hexane.	
Hexanetriols. Hexylene glycol.	
Hydroabietyl alcohol. Hydrocarbon resins (produced by polymerization of mixtures of mono-	
and di-unsaturated hydrocarbons of the aliphatic, alicyclic, and monobenzenoid type derived both from cracked petroleum and ter-	
pene stocks) (CAS Reg. No. 68239–99-6). Hydrocarbon resins (produced by the polymerization of styrene and alpha-methyl styrene), hydrogenated (CAS Reg. No. 68441–37–2).	
Hydrofluoric acid	For use only as bonding agent for aluminum foil, sta- bilizer, or preservative. Total fluoride from all
hada aya ayaa da	sources not to exceed 1 percent by weight of the finished adhesive.
-lydrogen peroxide. -lydrogenated dipentene resin (CAS Reg. No. 106168-39-2). -lydrogenated dipentene-styrene copolymer resin (CAS Reg. No.	
106168–36–9). 1vdrogenated- <i>beta</i> -pinene- <i>alpha</i> -pinene-dipentene copolymer resin	
(CAS Reg. No. 106168–37–0). 2-Hydro- <i>omega</i> -hydroxypoly-(oxytetramethylene)	For use only in the preparation of polyurethane res-
Hydroquinone.	ins.
hydroquinone. Hydroquinone monobenzyl ether. Hydroquinone monoethyl ether.	
2(2'-Hydroxy-3',5' di-tert-amylphenyl) benzotriazole.	
Hydroxyacetic acid. 7-Hydroxycoumarin.	
-Hydroxyethylcellulose. 2-Hydroxy-1-[4-(2-hydroxyethoxy)phenyl]-2-methyl-1-propanone(CAS	For use only as a photoinitiator at a level not to ex-
Reg. No. $106797-53-9$). 1-(2-Hydroxyethyl)-1-(4-chlorobutyl)-2 alkyl (C_6 - C_{17}) imidazolinium chloride.	ceed 5 percent by weight of the adhesive.
Hydroxyethyldiethylenetriamine.	

Substances	Limitations
β-Hydroxyethyl pyridinium 2-mercaptobenzothiazol. Hydroxyethyl starch. Hydroxyethylurea	
Hydroxylamine sulfate. 5-Hydroxymethoxymethyl-1-aza-3,7-dioxabicyclo[3.3.0]octane, hydroxymethyl-1-aza-3,7-dioxabicyclo[3.3.0]octane, and 5-hydroxypoly- [methyleneoxy]methyl-1-aza-3,7-dioxabicyclo[3.3.0] octane mixture. Hydroxypropyl methylcellulose.	For use only as an antibacterial preservative.
2-(Hydroxymethyl)-2-methyl-1,3-propanediol tribenzoate. 2-Imidazolidinone.	
3-lodo-2-propynyl-N-butyl carbamate (CAS Reg. No. 55406-53-6) lodoform	For use only as an antifungal preservative. For use only as polymerization-control agent.
Isoascorbic acid. Isobutyl alcohol (isobutanol). Isobutylene-isoprene copolymer. Isodecyl benzoate (CAS Reg. No. 131298–44–7).	
Isophorone. Isopropanolamine (mono-, di-, tri-). Isopropyl acetate. Isopropyl alcohol (isopropanol).	
Isopropyl-m- and p-cresol (thymol derived). 4,4'-Isopropylidenediphenol. 4,4'-Isopropylidenediphenol, polybutylated mixture	For use as preservative only.
A.4'-Isopropylidene-bis(<i>p</i> -phenyleneoxy)-di-2-propanol. Itaconic acid. Japan wax. Kerosene.	
Lauroyl peroxide. Lauroyl sulfate salts: Ammonium.	
Magnesium. Potassium. Sodium. Laurvl alcohol.	
Lauryl pyridinium 5-chloro-2-mercaptobenzothiazole. Lignin calcium sulfonate. Lignin sodium sulfonate.	
Linoleamide (linoleic acid amide). Magnesium fluoride	For use only as bonding agent for aluminum foil, sta- bilizer, or preservative. Total fluoride from all sources not to exceed 1 percent by weight of the finished adhesives.
Magnesium glycerophosphate. Maleic acid.	
Maleic anhydride-diisobutylene copolymer, ammonium or sodium salt. Manganese acetate. Marine oil fatty acid soaps, hydrogenated.	
Melamine. Melamine-formaldehyde copolymer. 2-Mercaptobenzothiazole.	
2-Mercaptobenzothiazole and dimethyl dithiocarbamic acid mixture, so-dium salt.	For use as preservative only.
2-Mercaptobenzothiazole, sodium or zinc salt Methacrylate-chromic chloride complex, ethyl or methyl ester. p-Menthane hydroperoxide. Methyl acetate.	For use as preservative only.
Methyl acetale. Methyl alcohol (methanol). Methylcellulose.	
Methylene chloride. 4,4'-Methylenebis(2,6-di- <i>tert</i> -butylphenol). 2,2-Methylenebis (4-ethyl-6- <i>tert</i> -butylphenol).	
2,2-Methylenebis (4-methyl-6-nonylphenol). 2,2-Methylenebis (4-methyl-6- <i>tert</i> -butylphenol). Methyl ethyl ketone.	
Methyl ethyl ketone-formaldehyde condensate. 2-Methylhexane. 1-Methyl-2-hydroxy-4-isopropyl benzene.	
Methyl isobutyl ketone. Methyl oleate. Methyl oleate-palmitate mixture.	
Methyl phthalyl ethyl glycolate.	

Substances	Limitations
Methyl ricinoleate.	
Methyl salicylate.	
a-Methylstyrene-vinyltoluene copolymer resins (molar ratio 1 a methylstyrene to 3 vinyltoluene).	
Methyl tallowate. Mineral oil.	
Monochloracetic acid.	
Monooctyldiphenylamine.	
Montan wax.	
Morpholine.	
Myristic acid-chromic chloride complex.	
Myristyl alcohol.	
Naphtha.	
Naphthalene, monosulfonated.	
Naphthalene sulfonic acid-formaldehyde condensate, sodium salt.	
α-Naphthylamine.	
α,α',α'',α''',Neopentane tetrayltetrakis [omega-hydroxypoly	
(oxypropylene) (1–2 moles)], average molecular weight 400. Nitric acid.	
u-Nitrobiphenyl.	
Nitrocellulose.	
2-Nitropropane.	
α-(p-Nonylphenyl)-omega-hydroxypoly (oxyethylene) mixture of dihydro-	
gen phosphate and monohydrogen phosphate esters; the nonyl group	
is a propylene trimer isomer and the poly (oxyethylene) content aver-	
ages 6–9 moles or 50 moles.	
α(p-Nonylphenyl)-omega-hydroxypoly (oxyethylene) produced by the	
condensation of 1 mole of <i>p</i> -nonylphenol (nonyl group is a propylene trimer isomer) with an average of 1–40 moles of ethylene oxide.	
α -(p-Nonylphenyl)-omega-hydroxypoly (oxyethylene) sulfate, ammonium	
salt: the nonyl group is a propylene trimer isomer and the poly (oxy-	
ethylene) content averages 9 or 30 moles.	
endo-cis-5-Norbornene-2,3-dicarboxylic anhydride.	
α-cis-9-Octadecenyl-omega-hydroxypoly (oxyethylene); the octadecenyl	
group is derived from oleyl alcohol and the poly (oxyethylene) content	
averages 20 moles.	
Octadecyl 3,5-di- <i>tert</i> -butyl-4-hydroxyhydrocinnamate.	
Octyl alcohol. Octyldecyl phthalate.	
Octylphenol.	
Octylphenoxyethanols.	
Octylphenoxypolyethoxy-polypropoxyethanol (13 moles of ethylene oxide	
and propylene oxide).	
Odorless light petroleum hydrocarbons.	
Oleamide (oleic acid amide).	
Oleic acid, sulfated.	
2,2'-Oxamidobis[ethyl 3-(3,5-di- <i>tert</i> -butyl-4-hydroxyphenyl)propionate	
(CAS Reg. No. 70331–94–1). Oxazoline.	
α -(oxiranylmethyl)- ω -(oxiranylmethoxy)poly[oxy(methyl-1,2-ethanediyl)],	For use as a reactant in the preparation of epoxy
(alternative name: epichlorohydrin-polypropylene glycol) (CAS Reg.	based resins.
No. 26142–30–3).	
2,2'-[oxybis[(methyl-2,1-ethanediyl)-oxymethylene]]bisoxirane, (alternative	For use as a reactant in the preparation of epoxy
name: epichlorohydrin-dipropylene glycol) (CAS Reg. No. 41638–13–	based resins.
5).	
<i>n-</i> Oxydiethylene-benzothiazole. Palmitamide (palmitic acid amide).	
Paraffin (C_{12} - C_{20}) sulfonate.	
Paraformaldehyde.	
Pentachlorophenol.	
Pentaerythritol ester of maleic anhydride.	
Pentaerythritol monostearate	For use as preservative only.
Pentaerythritol tetrabenzoate [CAS Registry No. 4196–86–5].	
Pentaerythritol tetrastearate.	
2,4-Pentanedione.	
Pentasodium diethylenetriaminepentaacetate (CAS Reg. No. 140–01–2).	
Perchloroethylene. Petrolatum.	
Petrolatum. Petroleum hydrocarbon resin (cyclopentadiene type), hydrogenated.	
Petroleum hydrocardon resin (produced by the catalytic bolymerization	
Petroleum hydrocarbon resin (produced by the catalytic polymerization and subsequent hydrogenation of styrene, vinyltoluene, and indene	

Substances	Limitations
Petroleum hydrocarbon resins (produced by the homo-and copolymeriza-	
tion of dienes and olefins of the aliphatic, alicyclic, and monobenzenoid arylalkene types from distillates of cracked petroleum	
stocks). Phenol	For use as preservative only.
Phenol-coumarone-indene resin.	For use as preservative only.
Phenolic resins as described in § 175.300(b)(3)(vi).	
Phenothiazine	For use only as polymerization-control agent.
Phenyl-β-naphthylamine (free of β-naphthylamine). o-Phenylphenol	For use as preservative only.
o-Phthalic acid.	· · · · · · · · ·
Pimaric acid	
Pine oil. Piperazine.	
Piperidinium pentamethylenedithiocarbamate.	
Poly(acrylamide-[2-acrylamide-2-methylpropylsulfonate]-dimethylidiallyl	
ammonium chloride) sodium salt (CAS Reg. No. 72275-68-4). Polyamides derived from reaction of one or more of the following acids	
with one or more of the following amines:	
Acids:	
Azelaic acid. Dimerized vegetable oil acids.	
Amines:	
Bis(hexamethylene) triamine and higher homologues.	
Diethylenetriamine. Diphenylamine.	
Ethylenediamine.	
Hexamethylenediamine.	
Poly(oxypropylene)diamine (weight average molecular weight 2010) (CAS Reg. No. 9046–10–0).	
Poly(oxypropylene)diamine (weight average molecular	
weight 440) (CAS Reg. No. 9046-10-0).	
Tetraethylenepentamine. Triethylenetetramine.	
Polybutene, hydrogenated.	
Polybutylene glycol (molecular weight 1,000).	
Poly [2(diethylamino) ethyl methacrylate] phosphate. Polyester of adipic acid, phthalic acid, and propylene glycol, terminated	
with butyl alcohol.	
Polyester of diglycolic acid and propylene glycol containing ethylene gly-	
col monobutyl ether as a chain stopper. Polyester resins (including alkyd type), as the basic polymer, formed as	
esters when one or more of the following acids are made to react with	
one or more of the following alcohols:	
Acids: Azelaic acid.	
Dimethyl 1,4-cyclohexanedicarboxylate (CAS Reg. No.	
94–60–0).	
Dimethyl-5-sulfoisophthalic acid (CAS Reg. No. 50975–82–1) and/or its sodium salt (CAS Reg. No.	
3965–55–7).	
Polybasic and monobasic acids identified in	
§ 175.300(b)(3)(vii)(a) and (b). 5-sulfo-1,3-benzenedicarboxylic acid, monosodium salt	
(CAS Reg. No. 6362–79–4).	
Tetrahydrophthalic acid.	
Alcohols: 1,4-Cyclohexanedimethanol.	
2,2-Dimethyl-1,3-propanediol.	
1,6-Hexanediol (CAS Reg. No. 629-11-8).	
Polyhydric and monohydric alcohols identified in 8175 300(b)(3)(viii)(c) and (d)	
$\S 175.300(b)(3)(vii)(c)$ and (d) . Polyethyleneadipate modified with ethanolamine with the molar ratio of	For use only in the preparation of polyurethan resins.
the amine to the adipic acid less than 0.1 to 1.	, , , , , , , , , , , , , , , , , , ,
Polyethylene glycol (molecular weight 200-6,000). Polyethylene glycol mono-isotridecyl ether sulfate, sodium salt (CAS	
Reg. No. 150413–26–6).	
Polyethyleneglycol alkyl(C_{10} - C_{12})ether sulfosuccinate, disodium salt (CAS	
Reg. No. 68954–91–6).	
Polyethylene, oxidized. Polyethylene resins, carboxyl modified, identified in §177.1600 of this	
chapter.	
Polyethylenimine.	
Polyethylenimine-epichlorohydrin resins.	I

Substances	Limitations
Poly(ethyloxazoline) (CAS Reg. No. 25805-17-8). Polyisoprene.	
Polymeric esters of polyhydric alcohols and polycarboxylic acids pre-	
pared from glycerin and phthalic anhydride and modified with benzoic	
acid, castor oil, coconut oil, linseed oil, rosin, soybean oil, styrene, and	
vinyl toluene.	
Polymers: Homopolymers and copolymers of the following monomers:. Acrylamide.	
Acrylic acid.	
Acrylonitrile.	
Allylmethacrylate (CAS Reg. No. 00096-05-09).	
Butadiene.	
Butene.	
N-tert-Butylacrylamide. Butyl acrylate.	
1,3-Butylene glycol dimethacrylate.	
Butyl methacrylate.	
Crotonic acid.	
Decyl acrylate.	
Diallyl fumarate.	
Diallyl maleate.	
Diallyl phthalate. Dibutyl fumarate.	
Dibutyl itaconate.	
Dibutyl maleate.	
Di(2-ethylhexyl) maleate.	
Dimethyl-α-methylstyrene.	
Dioctyl fumarate.	
Dioctyl maleate.	
Divinylbenzene. Ethyl acrylate.	
Ethylene.	
Ethylene cyanohydrin.	
2-Ethylhexyl acrylate.	
Ethyl methacrylate.	
Fatty acids, C ₁₀₋₁₃ -branched, vinyl esters (CAS Reg. No. 184785-	
38-4). Fumaric acid and/or its methyl, ethyl, propyl, butyl, amyl hexyl,	
heptyl and octvl esters.	
Glycidyl methacrylate.	
1-Hexene (CAS Reg. No. 592-41-6).	
2-Hydroxyethyl acrylate.	
2-Hydroxyethyl methacrylate.	
2-Hydroxypropyl methacrylate. Isobutyl acrylate.	
Isobutylene.	
Itaconic acid.	
Maleic acid, diester with 2-hydroxyethanesulfonic acid, sodium salt.	
Maleic anhydride.	
Methacrylic acid.	
Methyl acrylate.	
N,N'-Methylenebisacrylamide. Methyl methacrylate.	
N-Methylolacrylamide.	
Methyl styrene.	
-Methyl styrene.	
Monoethyl maleate.	
Monomethyl maleate.	
Mono (2-ethylhexyl) maleate.	
5-Norbornene-2 3-dicarboxylic acid, mono-n-butyl ester. 1-Octene (CAS Reg. No. 111–66–0).	
Propyl acrylate.	
Propylene.	
Styrene.	
Triallyl cyanurate.	
Vinyl acetate.	
Vinyl alcohol (from alcoholysis or hydrolysis of vinyl acetate units).	
Vinyl butyrate. Vinyl chloride.	
Vinyl critoride. Vinyl crotonate.	
Vinyl ethyl ether.	
Vinyl hexoate.	
Vinylidene chloride.	
Vinyl methyl ether.	

Substances	Limitations
Vinyl pelargonate.	
Vinyl propionate.	
Vinyl pyrrolidone.	
Vinyl stearate.	
Polyoxyalkylated-phenolic resin (phenolic resin obtained from formalde-	
hyde plus butyl- and/or amylphenols, oxyalkylated with ethylene oxide	
and/or propylene oxide).	
Poly(oxycaproyl) diols and triols (minimum molecular weight 500).	
Polyoxyethylated (40 moles) tallow alcohol sulfate, sodium salt.	
Polyoxyethylene (20 mol)—anhydrous lanolin adduct.	
Polyoxyethylene (molecular weight 200) dibenzoate.	
Polyoxyethylene (molecular weight 200–600) esters of fatty acids derived	
from animal or vegetable fats and oils (including tall oil). Polyoxyethylene (15 moles) ester of rosin.	
Polyoxyethylene (4–5 moles) ester of rosin.	
Polyoxyethylene (45 moles)—glycerol adduct.	
Polyoxyethylene (40 moles) stearate.	
Polyoxyethylene (5–15 moles) tridecyl alcohol.	
Polyoxypropylene (3 moles) tridecyl alcohol sulfate.	
Polyoxypropylene (20 moles) butyl ether.	
Polyoxypropylene (40 moles) butyl ether.	
Polyoxypropylene (20 moles) oleate butyl ether.	
Polyoxypropylene-polyoxyethylene condensate (minimum molecular	
weight 1,900).	
Polypropylene glycol (minimum molecular weight 150).	
Polypropylene glycol (3-4 moles) triether with 2-ethyl-2-(hydroxymethyl)-	
1,3-propane-diol, average molecular weight 730.	
Polypropylene glycol dibenzoate (CAS Reg. No. 72245-46-6)	For use as a plasticizer at levels not to exceed 20
	percent by weight of the finished adhesive.
Polypropylene, noncrystalline.	
Polysiloxanes:	
Diethyl polysiloxane.	
Dihydrogen polysiloxane.	
Dimethyl polysiloxane.	
Diphenyl polysiloxane.	
Ethyl hydrogen polysiloxane.	
Ethyl phenyl polysiloxane.	
Methyl ethyl polysiloxane.	
Methyl hydrogen polysiloxane.	
Methyl phenyl polysiloxane. Phenyl hydrogen polysiloxane.	
Polysorbate 60.	
Polysorbate 80.	
Polysorbate 20 (polyoxyethylene (20) sorbitan monolaurate).	
Polysorbate 40 (polyoxyethylene (20) sorbitan monopalmitate).	
Poly[styrene-co-disodium maleate-co-α-(p-nonyl-phenyl)-omega-(p-vinyl-	
benzyl)poly(oxyethylene)] terpolymer.	
Polytetrafluoroethylene	
Polyurethane resins produced by: (1) reacting diisocyanates with one or	
more of the polyols or polyesters named in this paragraph, or (2) re-	
acting the chloroformate derivatives of one or more of the polyols or	
polyesters named in this paragraph with one or more of the	
polyamines named in this paragraph, or (3) reacting toluene	
diisocyanate or 4,4' methylenebis(cyclohexylisocyanate) (CAS Reg.	
No. 5124-30-1) with: (i) one or more of the polyols or polyesters	
named in this paragraph and with either N-methyldiethanolamine (CAS	
Reg. No. 105-59-9) and dimethyl sulfate (CAS Reg. No. 77-78-1) or	
dimethylolpropionic acid (CAS Reg. No. 4767-03-7) and triethylamine	
(CAS Reg. No. 121-44-8), or (ii) a fumaric acid-modified poly-	
propylene glycol or fumaric acid-modified tripropylene glycol),	
triethylamine (CAS Reg. No. 107-15-3), and ethylenediamine (CAS	
Reg. No. 121-44-8), or (4) reacting meta-tetramethylxylene	
diisocyanate (CAS Reg. No. 2778–42–9) with one or more of the	
polyols and polyesters listed in this paragraph and with	
dimethylolpropionic acid (CAS Reg. No. 4767-03-7) and triethylamine	
(CAS Reg. No. 121-44-8), N-methyldiethanolamine (CAS Reg. No.	
105-59-9), 2-dimethylaminoethanol (CAS Reg. No. 108-01-0), 2-	
dimethylamino-2-methyl-1-propanol (CAS Reg. No. 7005-47-2),	
and/or 2-amino-2-methyl-1-propanol (CAS Reg. No. 124-68-5).	
Polyvinyl alcohol modified so as to contain not more than 3 weight per-	
cent of comonomer units derived from 1-alkenes having 12 to 20 car-	
bon atoms.	
Polyvinyl butyral. Polyvinyl formal.	

Substances	Limitations
Potassium ferricyanide	For use only as polymerization-control agent.
Potassium N-methyldithiocarbamate. Potassium pentachlorophenate	For use as preservative only.
Potassium persulfate.	
Potassium phosphates (mono-, di-, tribasic). Potassium tripolyphosphate.	
α , α' , α'' -1,2,3-Propanetriyltris [omega-(2,3-epoxypropoxy) poly	
(oxypropylene) (24 moles)]. β-Propiolactone.	
Propyl alcohol (propanol).	
Propylene carbonate. Propylene glycol and <i>p-p'</i> -isopropylidenediphenol diether.	
Propylene glycol dibenzoate (CAS Reg. No. 19224–26–1)	For use as a plasticizer at levels not to exceed 20
Propylene glycol esters of coconut fatty acids.	percent by weight of the finished adhesive.
Propylene glycol monolaurate.	
Propylene glycol monomethyl ether. Propylene glycol monostearate.	
α, α', α''-[Propylidynetris (methylene)] tris [omega-hydroxypoly	
(oxypropylene) (1.5 moles minimum)], minimum molecular weight 400. Quaternary ammonium chloride (hexadecyl, octadecyl derivative)	For use as preservative only.
Rosin (wood, gum, and tall oil rosin), rosin dimers, decarboxylated rosin (including rosin oil, disproportionated rosin, and these substances as	
modified by one or more of the following reactants:.	
Alkyl (C_1 - C_9) phenolformaldehyde. Ammonia.	
Ammonium caseinate-p-Cyclohexylphenolformaldehyde.	
Diethylene glycol. Dipentaerythritol.	
Ethylene glycol.	
Formaldehyde. Fumaric acid.	
Glycerin.	
Hydrogen. Isophthalic acid.	
4,4'-Isopropylidenediphenol-epichlorohydrin (epoxy).	
4,4'-Isopropylidenediphenol-formaldehyde. Maleic anhydride.	
Methyl alcohol.	
Pentaerythritol. Phthalic anhydride.	
Polyethylene glycol.	
Phenol-formaldehyde. Phenyl μ-cresol-formaldehyde.	
p-Phenylphenol-formaldehyde.	
Sulfuric acid. Triethylene glycol.	
Xylenol-formaldehyde.	
Rosin salts (salts of wood, gum, and tall oil rosin, and the dimers there- of, decarboxylated rosin disproportionated rosin, hydrogenated rosin):	
Aluminum. Ammonium.	
Calcium.	
Magnesium. Potassium.	
Sodium.	
Zinc. Rosin, gasoline-insoluble fraction.	
Rubber hydrochloride polymer.	
Rubber latex, natural. Salicylic acid	For use as preservative only.
Sandarac.	To use as preservative only.
Sebacic acid. Shellac.	
Silicon dioxide as defined in § 172.480(a) of this chapter.	
Sodium alkyl (C ₂ -C _{13.5} aliphatic) benezenesulfonate. Sodium aluminum pyrophosphate.	
Sodium aluminum sulfate.	
Sodium bisulfate. Sodium calcium silicate.	
Sodium capryl polyphosphate.	
Sodium carboxymethylcellulose. Sodium chlorate.	

Substances	Limitations
Sodium chlorite.	
Sodium chromate.	
Sodium decylsulfate.	
Sodium dehydroacetate	For use as preservative only.
Sodium di-(2-ethylhexoate). Sodium di-(2-ethylhexyl) pyrophosphate.	
Sodium dihexylsulfosuccinate.	
Sodium dissobutylphenoxydiethoxyethyl sulfonate.	
Sodium diisobutylphenoxymonoethoxyethyl sulfonate.	
Sodium diisopropyl- and triisopropylnaphthalenesulfonate.	
Sodium dimethyldithiocarbamate.	
Sodium dioctylsulfosuccinate. Sodium n-dodecylpolyethoxy (50 moles) sulfate.	
Sodium ethylene ether of nonylphenol sulfate.	
Sodium 2-ethylhexyl sulfate.	
Sodium fluoride	For use only as bonding agent for aluminum foil, sta
	bilizer, or preservative. Total fluoride for all sources
	not to exceed 1 percent by weight of the finished
Cadium farmaldahuda aulfavulata	adhesive.
Sodium formaldehyde sulfoxylate. Sodium formate.	
Sodium heptadecylsulfate.	
Sodium hypochlorite.	
Sodium isododecylphenoxypolyethoxy (40 moles) sulfate.	
Sodium N-lauroyl sarcosinate.	
Sodium metaborate.	
Sodium α-naphthalene sulfonate.	
Sodium nitrate. Sodium nitrite.	
Sodium oleoyl isopropanolamide sulfosuccinate.	
Sodium pentachlorophenate	For use as preservative only.
Sodium perborate.	,
Sodium persulfate.	
Sodium μ-phenylphenate	For use as preservative only.
Sodium polyacrylate.	
Sodium polymethacrylate. Sodium polystyrene sulfonate.	
Sodium salicylate	For use as preservative only.
Sodium salt of 1-hydroxy 2(1H)-pyridine thione	Do.
Sodium tetradecylsulfate.	
Sodium thiocyanate.	
Sodium bis-tridecylsulfosuccinate.	
Sodium xylene sulfonate.	
Sorbitan monooleate. Sorbitan monostearate.	
Soybean oil, epoxidized.	
Spermaceti wax.	
Sperm oil wax.	
Stannous 2-ethylhexanoate	For use only as a catalyst for polyurethane resins.
Stannous stearate.	
Starch hydrolysates. Starch or starch modified by one or more of the treatments described in	
§§ 172.892 and 178.3520 of this chapter.	
Starch, reacted with a urea-formaldehyde resin.	
Starch, reacted with formaldehyde.	
Stearamide (stearic acid amide).	
Stearic acid.	
Stearic acid-chromic chloride complex. Stearyl-cetyl alcohol, technical grade, approximately 65 percent-80 per-	
cent stearyl and 20 percent-35 percent cetyl.	
Strontium salicylate.	
Styrenated phenol.	
Styrene block polymers with 1,3-butadiene.	
Styrene-maleic anhydride copolymer, ammonium or potassium salt.	
Styrene-maleic anhydride copolymer (partially methylated) sodium salt.	
Styrene-maleic anhydride copolymer (partially methylated) sodium salt. Styrene-methacrylic acid copolymer, potassium salt.	
Styrene-maleic anhydride copolymer (partially methylated) sodium salt. Styrene-methacrylic acid copolymer, potassium salt. Sucrose acetate isobutyrate.	
Styrene-maleic anhydride copolymer (partially methylated) sodium salt. Styrene-methacrylic acid copolymer, potassium salt. Sucrose acetate isobutyrate. Sucrose benzoate.	
Styrene-maleic anhydride copolymer (partially methylated) sodium salt. Styrene-methacrylic acid copolymer, potassium salt. Sucrose acetate isobutyrate. Sucrose benzoate. Sucrose octaacetate.	For use at levels not to exceed 2 percent by weigh of the dry adhesive.

Substances	Limitations
Sulfosuccinic acid 4-ester with polyethylene glycol dodecyl ether disodium salt (alcohol moiety produced by condensation of 1 mole of n-dodecyl alcohol and an average of 5–6 moles of ethylene oxide, Chemical Abstracts Service Registry No. 039354–45–5).	
Sulfosuccinic acid 4-ester with polyethylene glycol nonylphenyl ether, disodium salt (alcohol moiety produced by condensation of 1 mole of nonylphenol and an average of 9–10 moles of ethylene oxide) (CAS Reg. No. 9040–38–4).	
Sulfur. Synthetic primary linear aliphatic alcohols whose weight average molecular weight is greater than 400 (CAS Reg. No. 71750–71–5). Synthetic wax polymer as described in §176.170(a)(5) of this chapter.	
Tall oil. Tall oil fatty acids, linoleic and oleic. Tall oil fatty acid methyl ester.	
Tall oil, methyl ester. Tall oil pitch. Tall oil soaps.	
Tallow alcohol (hydrogenated). Tallow amine, secondary (hexadecyl, octadecyl), of hard tallow. Tallow, blown (oxidized).	
Tallow, propylene glycol ester. Terpene resins (α -and β -pinene) homopolymers, copolymers, and condensates with phenol, formaldehyde, coumarone, and/or indene. Terphenyl.	
Terphenyl, hydrogenated. Terpineol. Tetraethylene pentamine.	
Tetraethylthiuram disulfide. Tetrahydrofuran.	
Tetrahydrofurfuryl alcohol. Tetra-isopropyl titanate. Tetrakis[methylene (3,5-di <i>-tert</i> -butyl-4-hydroxy-hydro-cinnamate)] meth-	
ane. A[p-(1,1,3,3-Tetramethylbutyl) phenyl]-omega-hydroxypoly-(oxyethylene) produced by the condensation of 1 mole of p-(1,1,3,3-tetramethylbutyl) phenol with an average of 1–40 moles of ethylene oxide.	
A-[p-(1,1,3,3-Tetramethylbutyl) phenyl]-omega-hydroxy-poly(oxyethylene) mixture of dihydrogen phosphate and monohydrogen phosphate esters and their sodium, potassium, and ammonium salts having a poly(oxyethylene) content averaging 6–9 or 40 moles.	
Tetramethyl decanediol. Tetramethyl decynediol.	
Tetramethyl decynediol plus 1–30 moles of ethylene oxide. Tetramethylthiuram monosulfide. Tetrasodium N-(1,2-dicarboxyethyl)N-octadecylsulfosuccinamate.	
4,4'-Thiobis-6- <i>tert</i> -butyl- <i>m</i> -cresol. Thiodiethylene-bis(3,5-di- <i>tert</i> -butyl-4-hydroxyhydrocinnamate). 2,2'-(2,5-Thiophenediyl) bis[5- <i>tert</i> -butylbenzoxazole].	
Thiram. Thymol Titanium dioxide.	For use as preservative only.
Titanium dioxide-barium sulfate. Titanium dioxide-calcium sulfate. Titanium dioxide-magnesium silicate.	
Toluene. Toluene 2,4-diisocyanate. Toluene 2,6-diisocyanate.	
o- and <i>p</i> -Toluene ethyl sulfonamide. o- and <i>p</i> -Toluene sulfonamide. ρ-Toluene sulfonic acid.	
p-(p'-Toluene-sulfonylamide)-diphenylamide. Triazine-formaldehyde resins as described in § 175.300(b)(3)(xiii). Tributoxyethyl phosphate.	
Tributylcitrate. Tri-tert-butyl-p-phenyl phenol Tributyl phosphate.	For use as preservative only.
Tributyltin chloride complex of ethylene oxide condensate of dehydroabiletylamine. Tri-r-butyltin acetate	For use as preservative only. For use as preservative only.
Tri-n-butyltin neodecanoate	Do.
Trichloroethylene.	I

Substances	Limitations
Tri-β-chloroethylphosphate.	
Tridecyl alcohol.	
Triethanolamine.	
3-(Triethoxysilyl) propylamine.	
Triethylene glycol.	
Triethylene glycol dibenzoate.	
Triethylene glycol di(2-ethylhexoate).	
Triethylene glycol polyester of benzoic acid and phthalic acid.	
Triethylhexyl phosphate.	
Triethylphosphate.	
2,4,5-Trihydroxy butyrophenone.	
Triisopropanolamine.	
Trimethylol propane.	
2,2,4-Trimethylpentanediol-1,3-diisobutyrate.	
Trimeric aromatic amine resin from diphenylamine and acetone of mo-	
lecular weight approximately 500.	
Tri(nonylphenyl) phosphite-formaldehyde resins	As identified in § 177.2600(c)(4)(iii) of this chapter.
(-), -),	For use only as a stabilizer.
Triphenylphosphate.	,
Tripropylene glycol monomethyl ether.	
1,3,5-Tris (3,5-di-tert-butyl-4-hydroxy-benzyl)-triazine-2,4,6 (1H,3H,5H)-	
trione.	
Tris (p-tertiary butyl phenyl) phosphate.	
Tris(2-methyl-4-hydroxy-5-tert-butyl-phenyl)butane.	
Trisodium <i>N</i> -hydroxyethylethylenediaminetriacetate (CAS Reg. No. 139–	
89–9).	
Turpentine.	
Urea-formaldehyde resins as described in § 175.300(b)(3)(xii).	
Vegetable oil, sulfonated or sulfated, potassium salt.	
Vinyl acetate-maleic anhydride copolymer, sodium salt.	
Waxes, petroleum.	
Wax, petroleum, chlorinated (40% to 70% chlorine).	
Waxes, synthetic paraffin (Fischer-Tropsch process).	
3-(2-Xenolyl)-1,2-epoxypropane.	
Xylene.	
Xylene (or toluene) alkylated with dicyclopentadiene.	
Zein.	
Zinc acetate.	
Zinc ammonium chloride.	
Zinc dibenzyl dithiocarbamate.	
Zinc dibutyldithiocarbamate.	
Zinc diethyldithiocarbamate.	
Zinc di(2-ethylhexoate).	
Zinc formaldehyde sulfoxylate.	
Zinc naphthenate and dehydroabietylamine mixture.	
Zinc nitrate.	
Zinc orthophosphate.	
Zinc resinate.	
Zinc sulfide.	
Zineb (zinc ethylenebis-dithiocarbamate).	
Ziram (zinc dimethyldithiocarbamate).	

 $[42\;\mathrm{FR}\;14534,\,\mathrm{Mar}.\;15,\,1977;\,42\;\mathrm{FR}\;56728,\,\mathrm{Oct}.\;28,\,1977]$

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting §175.105, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at www.govinfo.gov.

§ 175.125 Pressure-sensitive adhesives.

Pressure-sensitive adhesives may be safely used as the food-contact surface of labels and/or tapes applied to food, in accordance with the following prescribed conditions:

(a) Pressure-sensitive adhesives prepared from one or a mixture of two or more of the substances listed in this paragraph may be used as the food-con-

tact surface of labels and/or tapes applied to poultry, dry food, and processed, frozen, dried, or partially dehydrated fruits or vegetables.

- (1) Substances generally recognized as safe in food.
- (2) Substances used in accordance with a prior sanction or approval.