§ 181.30 Substances used in the manufacture of paper and paperboard products used in food packaging.

Substances used in the manufacture of paper and paperboard products used in food packaging shall include:

- Aliphatic polyoxyethylene ethers.*
- 1-Alkyl (C₆-H₈)-α-amino-β-aminopropane monoacetate.*
- Borax or boric acid for use in adhesives, sizing, and coatings.*
- Butadiene-styrene copolymer.
- Chromium complex of perfluoro-octane sulfonic acid for use on paper and paperboard which is waxed.*
- Disodium cyanodithioimidocarbamate with ethylene diamine and potassium N-methyl dithiocarbamate and/or sodium 2-mercaptopbenzothiazole (slimicides).*
- Ethyl acrylate and methyl methacrylate copolymers of itaconic acid or methacrylic acid for use only on paper and paperboard which is waxed.*
- Hexamethylene tetramine as a setting agent for protein, including casein.*
- 1-(2-Hydroxyethyl)-1-(4-chlorobutyl)-2-alkyl (C₆-H₈) imidazolium chloride.*
- Itaconic acid (polymerized).
- Melamine formaldehyde polymer.
- Methyl acrylate (polymerized).
- Methyl ethers of mono-, di-, and tripropylene glycol.*
- Myristo chromic chloride complex.
- Nitrocellulose.
- Polyethylene glycol 400.
- Polyvinyl acetate.
- Potassium pentachlorophenate as a slime control agent.*
- Potassium trichlorophenate as a slime control agent.*
- Resins from high and low viscosity polyvinyl alcohol for fatty foods only.
- Rubber hydrochloride.
- Sodium pentachlorophenate as a slime control agent.*
- Sodium-trichlorophenate as a slime control agent.*
- Stearato-chromic chloride complex.
- Titanium dioxide.*
- Urea formaldehyde polymer.

*Under the conditions of normal use, these substances would not reasonably be expected to migrate to food, based on available scientific information and data.

Vinylidene chlorides (polymerized).

§ 181.32 Acrylonitrile copolymers and resins.

(a) Acrylonitrile copolymers and resins listed in this section, containing less than 30 percent acrylonitrile and complying with the requirements of paragraph (b) of this section, may be safely used as follows:

(i) Acrylonitrile/butadiene/styrene copolymers—no restrictions.

(ii) Acrylonitrile/butadiene copolymers—no restrictions.

(iii) Acrylonitrile/butadiene copolymer blended with vinyl chloride-vinyl acetate (optional at level up to 5 percent by weight of the vinyl chloride resin) for use only in contact with oleomargarine.

(iv) Acrylonitrile/styrene copolymer—no restrictions.

(b) Limitations for acrylonitrile monomer extraction for finished food-contact articles, determined by using the method of analysis titled “Gas-Solid Chromatographic Procedure for Determining Acrylonitrile Monomer in Acrylonitrile-Containing Polymers and Food-Simulating Solvents,” which is incorporated by reference. Copies are available from the Center for Food Safety and Applied Nutrition (HFS-
§ 181.33 Sodium nitrate and potassium nitrate.

Sodium nitrate and potassium nitrate are subject to prior sanctions issued by the U.S. Department of Agriculture for use as color fixatives and preservative agents, with or without sodium or potassium nitrate, in the curing of red meat and poultry products.

[48 FR 1705, Jan. 14, 1983]

§ 181.34 Sodium nitrite and potassium nitrite.

Sodium nitrite and potassium nitrite are subject to prior sanctions issued by the U.S. Department of Agriculture for use as color fixatives and preservative agents, with or without sodium or potassium nitrate, in the production of cured red meat products and cured poultry products.

[48 FR 1705, Jan. 14, 1983]