



Regulatory Summary (US) General Purpose Polystyrene (GPPS)

A summary of the regulatory profile of our prime grade GPPS resins is provided below.

Please note the following:

1. The information presented in this document is not exhaustive. Additional Information may be found by consulting the relevant [Safety Data Sheet](#) (SDS), [Technical Data Sheet](#) or by contacting [Customer Service](#).

Chemical Inventories

United States Toxic Substances Control Act (TSCA) Inventory	Listed (Active)
Canada Domestic Substances List (DSL)	Listed
European Inventory of Existing Commercial Chemical Substances (EINECS)	Listed or exempt
EC Inventory	Listed or exempt
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)	Listed
China Catalog of Hazardous Chemicals 2015	Not Listed
New Zealand Inventory of Chemicals (NZIoC)	Listed
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	Listed
Vietnam National Chemical Inventory	Listed

Code of Federal Regulations issued by Food and Drug Administration (FDA)

When used unmodified in accordance with good manufacturing practices for food contact applications, the above-mentioned resin(s) will comply with the U.S. Food and Drug Administration Food Additive Regulation 21 CFR 177.1640. These product(s) may be used to produce articles or components of articles used in contact with food for all food types described in Table 1 and Conditions of Use A-H as described in Table 2 of U.S. FDA 21 CFR 176.170(c): <https://www.fda.gov/food/packaging-food-contact-substances-fcs/food-types-conditions-use-food-contact-substances>.

Provisions: Not for use in contact with infant formula and breast milk

The preceding statement refers to regulatory requirements only, not to the physical utility of the product(s). The uses cited above are subject to good manufacturing practices and any limitations which are part of the regulations. It is the responsibility of the article producer or food packager to determine that the article is suitable for its intended use and is compliant with applicable regulations. The regulations should be consulted for complete details.

Proposition 65

The compositions of the AmSty polystyrene products have been reviewed against the current Prop 65 list and we can confirm that they contain one of the listed chemicals. Please refer to the SDS, Section 15 for more information.

Conflict Minerals

In accordance with the U.S. Dodd-Frank Wall Street Reform and Consumer Protection Act, polystyrene resins manufactured by Americas Styrenics are not intentionally formulated with conflict minerals, such as tin, gold, tungsten, and tantalum.

Nanomaterials

A commonly used industry definition for engineered nanomaterials (< 100 nm in size) is any material that exhibits novel properties and behaviours as a result of being engineered at nano (1 to 100 nanometers) level. Polystyrene resins manufactured by Americas Styrenics are not intentionally manufactured or formulated with these engineered nanomaterials.

Ozone Depleting Substances

AmSty polystyrene resins are not manufactured with Class I or II substances as defined in Title VI of the Clean Air Act of 1990 under the final rule published in the Federal Register on February 11, 1993 (58 FR 8136) or with substances listed in the EU 'Ozone Regulation' Regulation (EC) 1005/2009.

Animal Content/BSE/TSE

AmSty polystyrene resins are not intentionally formulated with raw materials of animal origin. These products are formulated with raw materials that are either synthetic or derived from plant sources. No animal products are added in the processing of the material, and no animal products are contained in the finished product.

Therefore, AmSty can certify that the products noted above are TSE/BSE free.

TSE - Transmissible Spongiform Encephalopathy

BSE - Bovine Spongiform Encephalopathy

Kosher/Halal

AmSty resins are derived from non-animal sources. There is no animal fat, no animal derived materials, grain derived, or fermentation products used in this product. The product is not certified as Kosher or Halal but will comply with the relative dietary laws. Therefore, these products can be used with Kosher and Halal products without compromising the status of the products.

Phthalates

Polystyrene resins manufactured by Americas Styrenics are not intentionally formulated with any phthalate esters, including the below (not an exhaustive list). However, we do not analyze for these specific substances.

- Benzyl butyl phthalate (BBP), CAS# 85-68-7
- Bis-(2-ethylhexyl) phthalate or di-(2-ethylhexyl) phthalate, (DEHP), CAS# 117-81-7
- Bis-(2-methoxyethyl) phthalate, CAS# 117-82-8
- Dibutyl phthalate (DBP), CAS# 84-74-2
- Diisobutyl phthalate (DIBP), CAS# 84-69-5
- Dimethyl phthalate (DMP), CAS# 131-11-3
- Diisononyl phthalate (DINP), CAS# 28553-12-0
- Di-n-octyl phthalate (DNOP), CAS# 117-84-0
- Di-iso-decyl phthalate (DIDP), CAS# 26761-40-0

Allergen Content

AmSty polystyrene resins are not intentionally formulated with raw materials that originate from peanuts, soybeans, milk, eggs, fish, shellfish, tree nuts and/or wheat or gluten.

Substances – Chemical Absence

Polystyrene resins manufactured by Americas Styrenics are not intentionally formulated with the following regulated chemicals or substances of concern (not an exhaustive list):

- Antimicrobial agents, fungicides, insecticides, or pesticides
- Arsenic and Arsenic Compounds
- Azocompounds
- Barium and Barium Compounds
- Beryllium and Beryllium Compounds
- Biocides
- Bisphenol Compounds
- Cadmium & Cadmium Compounds
- Chlorine and Chlorinated Compounds
- Hexavalent Chromium Compounds
- Epoxy derivatives
- Genetically Modified Organisms (GMOs)
- Latex or Natural Rubber
- Melamine
- Medicinal substances
- Nitrocellulose
- Nonyl Phenols (NP), Nonyl Phenol Ethoxylates(NPE)
- Persistent Organic Pollutants (POPs)
- Phthalates
- Radioactive Substances
- Persistent, Bio accumulative and Toxic Substances (PBTs)
- Phenol, isopropylated phosphate (3:1) (PIP (3:1))
- Pentachlorothiophenol (PCTP)
- Dioxane
- Tetrabromobisphenol
- Antimony and Antimony Compounds
- Asbestos
- Azo colorants/azo dyes
- Benzophenone
- Butylated Hydroxyanisole(BHA)/ Butylated --- Hydroxytoluene(BHT)
- Bismuth and Bismuth Compounds
- Brominated Organic Compounds
- Chlorine and Chlorinated Compounds
- Cobalt and Cobalt Compounds
- Dimethyl fumarate (DMF)
- Formaldehyde
- Human derivatives
- Lead and Lead Compounds
- Mercury and Mercury Compounds
- Nickel and Nickel Compounds
- Nitrosamine
- Organotin, including Tributyl Tin (TBT), Triphenyl (TPT), and Tributyl Tin Oxide (TBTO)
- Per-/polyfluoroalkyl substances (PFAS), including Perfluorooctane Sulfonate (PFOS) and Perfluorooctanoic Acid (PFOA)
- Polyvinyl Chloride (PVC)/PVC blends
- Selenium and Selenium Compounds
- Decabromodiphenyl ether (DecaBDE)
- 2,4,6-tris(tert-butyl)phenol (2,4,6-TTBP)
- Hexachlorobutadiene (HCBd)
- 4,4- Dihydroxy Diphenyl Sulphone

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