June 19, 2017

Sarah Henderson
Product Steward

24 Waterway Avenue
Suite 1200
The Woodlands, TX 77380

Phone: 832-616-7868
SHenderson@amsty.com

Dear Valued Customer,

This letter is in response to your request for information regarding **STYRON™ 498 Natural Polystyrene.**

Common Name: **High Impact Polystyrene (HIPS), CAS No. 9003-55-8**

US FDA Food Contact Status: When used unmodified and processed in accordance with good manufacturing practices for food contact applications, all prime grade GPPS and HIPS resins will comply with the U.S. Food and Drug Administration's food additive regulation at 21 CFR § 177.1640, under the Federal Food, Drug, and Cosmetic Act. These products 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 C-H described in Table 2 of U.S. FDA's regulation at 21 CFR § 176.170(c). The preceding statement refers to regulatory requirements only, not to the products' physical utility. 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. The regulations should be consulted for complete details.

CONEG: Cadmium, hexavalent chromium, lead, and mercury are not intentionally introduced as an element during the manufacture or distribution of our polystyrene resins. The sum of the concentration levels of these elements incidentally present is not expected to exceed 100 ppm.

California Proposition 65 The compositions of **STYRON™ 498** has been reviewed against the current Prop 65 list and we can confirm that it contains two listed chemicals. The current Prop 65 List is available at the link below:
http://www.oehha.ca.gov/prop65/prop65_list/Newlist.html

- **STYRON™ 498** is formulated with **ethylbenzene (CAS # 100-41-4)** which may be present at residual levels: ≤ 300 ppm.

- **STYRON™ 498** is formulated with **styrene (CAS # 100-42-5)** which may be present at residual levels ≤ 700 ppm.

The Safety Data Sheets (Section 15) for these products contain the required Proposition 65 warning statement. These products are therefore compliant with Prop 65 requirements.

RoHS Directive 2011/65/EU (RoHS 2) STYRON™ 498, to the best of our knowledge, is not intentionally manufactured or formulated with the following substances listed in Annex II of EU-Directive 2011/65/EU (RoHS):

- Cadmium, hexavalent chromium, lead and mercury
- Polybrominated Biphenyls (PBB)
- Polybrominated Diphenyl Ethers (PBDE)

Therefore, the product listed above is in compliance with the requirements of Article 4.1 of EU-Directive 2011/65/EU.

However, please be advised that we do not analyze for these substances.

Please note that EU-Directive 2002/95/EC, as amended, was repealed effective January 3, 2013.

Animal Content/BSE/TSE Polystyrene resins manufactured by Americas Styrenics 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.

Ozone Depleting Substances Polystyrene resins manufactured by Americas Styrenics 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).

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

- Formaldehyde
- Asbestos
- Melamine
- Bisphenol A or Bisphenol F
- Phthalates
- Cadmium & Cadmium Components
- Hexavalent Chromium Compounds
- Lead and Lead Components
- Mercury and Mercury Compounds
- Antimony and Antimony Compounds
- Arsenic and Arsenic Compounds
- Beryllium and Beryllium Compounds
- Bismuth and Bismuth Compounds
- Nickel
- Selenium and Selenium Compounds
- Polyvinyl Chloride (PVC) and PVC blends
- Brominated Organic compounds (PBB, PbDE, DecaBDE)
- Chlorinated Organic Compounds (PCB, PCN, PCT, SCCP)
- Tributyl Tin(TBT) & Triphenyl Tin(TPT)
- Tributyl Tin Oxide (TBTO)
- Latex or Natural Rubber
- Azocolorants and azodyes
- Radioactive Substances
- Perfluorooctane Sulfonate/Perfluorooctanoic Acid (PFOS, PFOA)

Shelf Life: The shelf life of Americas Styrenics' polystyrene products is two years from the date of manufacture which guarantees retention of properties as stated in the sales specification, provided the material is properly stored following good manufacturing practices. In general, polystyrene resins when stored properly, will retain a high level of mechanical properties after several years. Guidelines for good storage practice must be followed, e.g. storage in a sheltered location, with good ventilation, no direct sunlight and undamaged, original packaging.

Please contact me if you need additional information.

Regards,

Sarah Henderson

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