REGULATORY DATA SHEET

Biopek® CHP Expandable Polystyrene

Chemical Inventories

All components of this product are in compliance with the following chemical inventories:

- United States: Toxic Substances Control Act Inventory (TSCA).
- Canada: Domestic Substances List (DSL).
- Europe: Styropek has not registered all components of the subject resin under the Registration, Evaluation, Authorization and Restriction Regulation (EU REACH).
- Australia: Australian Inventory of Chemical Substances (AICS).
- Korea: Korea Existing Chemicals List (KECL).
- Japan: Existing and New Chemical Substances List (ENCS).
- The Philippines: Philippines Inventory of Chemicals and Chemical (PICCS).
- China: Inventory of Existing Chemical Substances Manufactured or Imported in China (IECSC).
- New Zealand: New Zealand Inventory of Chemicals (NZIoC).

The subject resin is not subject to any rules or orders under TSCA Sections 4, 5, 6, 7, 8 or 12(b) (e.g. consent orders, test rules) or the Canadian Environmental Protection Act (CEPA) (e.g. Significant New Activity Notices (SNAcs), prohibitions, etc.).

U.S. Food and Drug Administration (FDA) Status

Styropek can confirm that the above grades are fully compliant with the U.S. Federal Food, Drug, and Cosmetic Act and all applicable food additive regulations, including 21 C.F.R. § 177.1640 (“Polystyrene and rubber-modified polystyrene”), when used in the manufacture of finished articles intended for transporting fresh produce, iced fish, ice cream or other iced or frozen foods.

Finally, under the above listed conditions of use, Styropek can also confirm that these EPS grades fully comply with FDA’s suitable purity requirements set forth in 21 C.F.R. 174.5 (“General requirements applicable to indirect food additives”).

Halal Status

With reference to the “Halal” status of this resin, we can advise you that although we have not obtained formal “Halal” certification, the resin does not contain any animal fat nor are any additives animal delivered, so this bead is in compliance with “Halal” requirements/restrictions.

Kosher Status

Please be advised that we have reviewed the ingredients of the subject resin grades and evaluated them against the Kosher requirements. The above resin will comply with the acceptable guidelines of the Kosher dietary laws. This product contains no animal fat. Products that are submitted for formal Kosher certification need not be made of ingredients that are Kosher certified but meet the guidelines of the Kosher dietary laws.

Tallow-Derived Substances

Please be advised that the subject resin grade does not contain any animal fat nor are any additives animal derived.

Food Allergens

Styropek does not deliberately add to the subject resin any food allergens, specifically peanuts, peanut oil, any peanut products, tree nuts (almonds, brazil nuts, chestnuts, filberts, hazelnuts, hickory nuts, macadamia nuts, Queensland nuts, pecans, pine nuts, pistachios, cashews, and walnuts), wheat (gluten), milk (casein), milk products, dairy products, dairy derivatives, lactose with protein, eggs or egg products, soybeans, soy flour, any soy products, fish (bass, flounder, cod, salmon), fish products, shellfish, crustaceans (e.g. shrimp, crabs, lobsters, oysters, clams, scallops, crayfish), molluscs (e.g. snails, clams, squid, octopi) or mollusc products, sulfites, sulfur dioxide, nitrites, food colours, celery or celery products, seeds (e.g. cotton, poppy, sesame, sunflower, mustard) or seed products, aspartame, monosodium glutamate (MSG), caffeine, hydrolyzed vegetable protein (HVP), grains (e.g. rye, barley, oats, spelt, kamut), or lupine or lupine products; nor are these substances present, to the best of our knowledge, in any of the raw materials used in the manufacture of the resin. While we have not specifically analyzed for the presence of the above-mentioned substances, we have no reason to suspect that they would be present in the resin as supplied by Styropek.

REACH—Absence of SVHC
Please be advised that none of the component substances intentionally present in the subject resin meet the current criteria for Authorization under the European Union's REACH Regulation (EC) No. 1907/2006. Specifically, Styropek does not deliberately add any substance in the European Chemical Agency's Candidate List of Substances of Very High Concern to the product, nor are any such substances present in the product above the applicable threshold (0.1%).

EU RoHS (3)
Please be advised that based on the information available to us from our raw material suppliers, our product do not contain as intentional additives any of the below referenced materials at the levels indicated, as referenced in the EU directives 2015/863, 2011/65/EC, 2002/95/EC, 2003/11/EC:

- Hexavalent chromium compounds < 0.1%
- Cadmium and its compounds < 0.01%
- Mercury and its compounds < 0.1%
- Lead and its compounds < 0.1%
- Polybrominated diphenyl ethers (PBDEs) < 0.1%
- Polybrominated biphenyls (PBBs) < 0.1%
- Pentabromodiphenyl ether < 0.1%
- Octabromodiphenyl ether < 0.1%
- Decabromodiphenyl ether < 0.1%
- Bis(2-ethylhexyl) phthalate (DEHP) < 0.1%
- Butyl benzyl phthalate (BBP) < 0.1%
- Dibutyl phthalate (DBP) < 0.1%
- Diisobutyl phthalate (DIBP) < 0.1%

Heavy Metals Testing, Coalition of Northeastern Governors (CONEG)
Styropek does not deliberately add cadmium, hexavalent chromium, lead or mercury to our products thus satisfying the requirements of the CONEG and TPCH Model Toxics in Packaging Legislation, and the California Toxics in Packaging Prevention Act (California Health and Safety Code, §25214.11–25214.21).

CA Proposition 65
On April 22, 2016, the California Office of Environmental Health Hazard Assessment (OEHHA) added styrene to its Proposition 65 list with a proposed No Significant Risk Level (NSRL) of 27 µg/day (https://oehha.ca.gov/proposition-65/crnr/notice-amendment-section-25705-no-significant-risk-level-styrene). Styropek production facility is certified under ISO 9001:2015 allowing us to ensure that our products comply with California's Proposition 65 requirements for styrene monomer content to comply with the NSRL.

Ozone-depleting chemicals
The subject resin, as supplied by Styropek, does not contain, and is not manufactured with, any Class I or Class II ozone-depleting chemicals. Thus, the resin will not require labeling under 40 CFR 82, subpart E (U.S. Stratospheric Ozone Protection Regulations, Labeling of Products using Ozone-Depleting Substances). In addition, please be advised that the resin does not contain, and is not manufactured with, any atmospheric ozone layer depleting chemicals cited in the Montreal Protocol of 1987, as amended.

EU WEEE
We have reviewed EU Directive 2002/96/EC and 2012/19/EU on Waste Electrical & Electronic Equipment ("WEEE") and can state that no ingredients are used in the manufacture of the subject resin which require selective waste treatment (As, Hg, PCB, PCT, CFC, HCFC, HFC, brominated flame retardants).

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Biopek® CHP Expandable Polystyrene

Absence Declarations

Please be advised that, with any exceptions noted below, Styropek does not deliberately add any of the following materials to the subject resin, nor are such substances present, to the best of our knowledge, in any of the raw materials used in the manufacture of the resin. While we have not specifically analyzed for the presence of these substances, we have no reason to suspect that they would be present in the resin as supplied.

- Acrylamide
- Alkylphenols, including octyl- and nonylphenols
- Alkylphenol ethoxylates including octyl- and nonylphenol ethoxylates
- Aromatic amines (restricted in EU Directive 2002/61/EC)
- Artificial musks
- Asbestos
- Azocolorants (restricted in EU Dir. 2002/61/EC)
- Azodicarbonamide, CAS Reg. No. 123-77-3
- Benzophenones, including 4-methylbenzophenone
- BHA, BHT, tertiary butylhydroquinone
- Biocides (pesticides, herbicides, insecticides),
- Bisphenol A and certain epoxy derivatives (e.g. NOGE, BFDGE, BADGE)
- Bisphenol AP, AF, B, BP, C, E, F, G, M, P and S
- Brominated flame retardants (e.g. HBCD/HBCDD, PBB, PBDE)
- CFC, HCFC, Halons, HFC, PFC
- Chlorinated hydrocarbons
- Colophony/Rosin
- Conflict minerals: tantalum (Ta), tin (Sn), gold (Au) and tungsten (W), and their derivatives
- Colourants, dyes, pigments, optical brighteners
- Dimethyl fumarate
- Dioxins and furans
- 2-EHA, ethoxyquin, ITX, thiuram
- Epichlorohydrin
- Epoxidised soybean oil (ESBO)
- Fluorinated gases
- Formaldehyde
- Genetically modified organisms (GMO)
- Hexachlorobenzene
- Hexabromocyclododecane
- Latex or natural rubber (including natural rubber latex and dry natural rubber)
- Long-chain (C9-20) perfluorocarboxylic acids (PFCAs), their salts, and their precursors
- Melamine
- Methylnaphthalenes (including 4-methylnaphthalene)
- Nanoparticles
- Organotin compounds
- Pentachlorophenol (PCP)
- Perfluorinated tensides (e.g. perfluorooctanoic acid, PFOA; perfluorooctyl sulfonates, PFOS)
- Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS)
- Persistent Organic Pollutants (POP's)
- Persistent, Bioaccumulative, and Toxic (PBT) Chemicals (Decabromodiphenyl ether (DecaBDE), Phenol, isopropylated phosphate (3:1) (PIP (3:1)), 2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP), Hexachlorobutadiene (HCBD), Pentachlorothiophenol (PCTP))
- Dibutyl phthalate (DBP)
- Dioctyl phthalate (DOP) [diethylhexyl phthalate (DEHP)]
- Di-isodecyl phthalate (DIDP)
- Dihexyl phthalate (DHP)
- Butyl benzyl phthalate (BBP)
- Di-Isononyl Phthalate (DINP)
- Di-n-hexyl phthalate (DnHP)
- Phthalates
- Plasticisers (adipates, phthalates e.g.: BBP, DBP, DEHP, DnHP, DIDP, DINP, DNOP)
- Polychlorinated bi- or terphenyls (PCB/PCT)
- Polychlorinated dibenzodioxins (PCDD),
- Polychlorinated dibenzofurans (PCDF)
- Polychlorinated naphthalenes
- Polycyclic aromatic hydrocarbons (PAH)
- Polytetrafluoroethylene
- Radioactive substances
- Recycled materials
- Short-chain chlorinated paraffins
- Tris-nonylphenyl phosphite (TNPP)
- Tetrachloroethylene
- Toluene (not detected with a detection limit of 5 parts per million (ppm))
- UV-hardeners (e.g. ITX)
- Vinyl chloride, vinylidene chloride, PVC or PVDC

Styropek cannot be held responsible for any further addition of, or contamination with, any of the above-referenced substances or materials which may occur during processing of the resin to produce finished articles, packaging materials, or their components.

In case of any other inquiries, please contact us at product.stewardship@styropek.com.

Sincerely

Adriana Palencia
Product Stewardship
Styropek

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