



Epsilyte Canada Product Stewardship

Version 1

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Welcome to our compliance assurance statement for Epsilyte Canada, ULC, (referred to periodically in this document as “Epsilyte Canada”), located in Montreal, Québec. As a trusted leader in the industry, we are committed to providing our customers with safe and high-quality products. Our expandable polystyrene and polystyrene resins are carefully formulated to meet regulatory standards and to avoid the inclusion of harmful substances. Our resins and raw materials are monitored for residual chemicals and manufacturing by-products on a continuing basis as required by good manufacturing practices.

Epsilyte Canada, ULC disclaims any liability for any potential issues arising from the presence of untested substances that may inadvertently be present in trace amounts. All statements contained here-in are subject to the disclaimer made at the end of the document. These declarations and certifications may apply to specific product groups at the Montreal site. We advise you to read each disclaimer section thoroughly or reach out to an Epsilyte representative for clarification. This statement outlines our commitment to transparency, safety, and quality in all our products. We value your partnership and trust in Epsilyte, and we are dedicated to maintaining the integrity and excellence you expect from us.



Epsilyte Canada

19250 Clark Graham
Baie D'urfe, QC H9X
3R8 CAN

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I. FDA Conditions of Use

a. Polystyrene Crystal High Molecular Weight FDA Conditions of Use

Epsilyte Canada evC24, evF24, evO24 and evT24 polystyrene resins are cleared for use by the U.S Food and Drug Administration (FDA) as components of single and repeated use food contact items under 21 CFR 177.1640 (Polystyrene and rubber-modified polystyrene). Our resins comply with the specifications for use in contact with all food types including fatty foods (food types III, IV-A, V, VII-A and IX as defined at 21 CFR 176.170 (c) table 1.)

Epsilyte Canada 24 polystyrene crystal is cleared for use as a component of articles intended for use in food contact application under Conditions of Use A through H as defined at 21 CFR 176.170(c) table 2. Our polystyrene crystal is recommended for use in higher temperature applications, Conditions of Use A and B, in applications where it is used as a component of a composite material in which the polystyrene is not providing structural strength at elevated temperatures, as elevated temperatures do not affect the crystals food contact compliance.

TABLE 2. CONDITIONS OF USE
A. High temperature, heat sterilized or retorted (ca. 121 °C (250 °F)).
B. Boiling water sterilized.
C. Hot filled or pasteurized above 66 °C (150 °F).
D. Hot filled or pasteurized below 66 °C (150 °F).
E. Room temperature filled and stored (no thermal treatment in the container).
F. Refrigerated storage (no thermal treatment in the container).
G. Frozen storage (no thermal treatment in the container).
H. Frozen or refrigerated storage; ready prepared foods intended to be reheated in container at time of use.

Epsilyte Canada's 24 Polystyrene Crystal is acceptable for direct food contact applications, both single- and repeatable use, where it is a component of a composite material in which the polystyrene is not providing structural strength at elevated temperatures, as elevated temperatures do not affect the crystals food contact compliance.



b. Expandable Polystyrene FDA Conditions of Use

The expandable polystyrene (EPS) resin manufactured in Montreal, QC have been manufactured to comply with the U.S. Food and Drug Administration's criteria regarding residual styrene, as set forth in CFR Title 21 section 177.1640 for use as a basic component of single and repeatable use direct food contact items.

The following Epsilyte Canada expandable polystyrene formulations comply with FDA regulations for single and repeatable use in direct food contact items, 21 CFR 177.1640, Polystyrene and rubber-modified polystyrene. These formulations also comply with 21 CFR 178.3010, "Adjuvant substances used in the manufacture of foam plastics" for plastics intended for use in direct contact with food:

- Products containing "C334" in the name
- Products containing "T280" in the name



II. Free of Statements

a. CFC HCFC Free

All Epsilyte Canada Expandable polystyrene (EPS) and polystyrene (PS) products are produced and formulated to be free from any added chlorine or chlorinated chemicals, including but not limited to the following:

- Chlorofluorocarbons (CFCs)
- Hydro chlorofluorocarbons (HCFCs)
- Polyvinylchloride (PVC)
- Chlorinated polyethylene
- Chlorosulfonated polyethylene
- Pentachlorophenol

This does not include packaging that Epsilyte Canada products may be contained in, as regulations in some countries require treated wooden pallets for importation of goods.

b. Allergens Free

All polystyrene (PS) and expandable polystyrene (EPS) product produced in Montreal, QC are formulated to be free from any known allergens, including but not limited to:

- Milk and milk products
- Peanuts and peanut products
- Wheat and wheat products
- Fish and Crustaceans (also known as "shellfish")
- Soybean and soybean-based products
- Egg and egg products
- Tree nuts & Dried Fruit
- Gluten (Wheat Oats Barley)
- Mustard & Sesame seeds
- Sulfites & Sulfur



c. Petrochemical Fertilizer and Pesticide Free

Epsilyte Canada, ULC polystyrene (PS) and expandable polystyrene (EPS) products are formulated to be free from petrochemical fertilizers and pesticides. No such chemicals are used in the manufacturing process or in the raw materials used to produce these products.

d. Urea-Formaldehyde Free

Epsilyte Canada, ULC polystyrene (PS) and expandable polystyrene (EPS) products are formulated to be free from urea-formaldehyde. No such chemicals are used in the manufacturing process or in the raw materials used to produce these products.

e. Biocide Free

Epsilyte Canada, ULC does not use biocides in any of its products produced in the Montreal, QC facility. No such chemicals are used in the manufacturing process or in the raw materials used to produce these products.

f. Latex, Animal Derivatives, Phthalates, BPA, PPD Free

Epsilyte Canada, ULC expandable polystyrene (EPS) are formulated to be free of the following chemicals or substances:

- Animal Derivatives
- Latex
- Phthalates
- Bisphenol A (BPA) & Bisphenol S (BPS)
- para-Phenylenediamine



g. PBT's: Persistent Bioaccumulative, Toxic Substances Regulated Under US TSCA § 6(h)

All of Epsilyte Canada, ULC's expandable polystyrene products are free from the following PBT (Persistent, Bioaccumulative, Toxic) substances regulated under US TSCA (Toxic Substance Control Act) section 6(h):

- PIP (3:1) - phenol, isopropylated phosphate (3:1) – CAS # 68937-41-7
 - DecaBDE - decabromodiphenyl ether – CAS # 1163-19-5
 - TTBP - 2,4,6-tris(tert butyl) phenol – CAS # 732-26-3
 - HCBd - hexachlorobutadiene – CAS # 86-68-3
 - PCTP - pentachlorothiophenol – CAS # 133-49-3
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h. Conflict Minerals

Epsilyte Canada, ULC does not purposely use conflict minerals in the production of any of its expandable polystyrene products. Conflict minerals include gold, columbite-tantalite (coltan), cassiterite and wolframite, or their derivatives tin, tantalum, or tungsten (collectively known as the “3TGs”).

III. PFAS Statement

All Epsilyte Canada, ULC expandable polystyrene (EPS) and polystyrene (PS) products are formulated to be free from any perfluoroalkyl and polyfluoroalkyl substances (also known as PFAS) including but not limited to the following:

- Perfluorobutanesulfonic acid
- Perfluorohexanesulfonic acid
- Perfluorooctanesulfonic acid & n-Perfluorooctanesulfonic acid
- Perfluoromethylheptanoic acid
- Perfluoromethylheptanesulfonic acids (AKA methyl branched PFOs)
- n-Perfluorooctanoic acid & Branched Perfluorooctanoic acids
- Perfluorononanoic acid & Perfluoroundecanoic acid



IV. POPs EU

Epsilyte Canada, ULC expandable polystyrene (EPS) products do not contain any Persistent Organic Pollutants (POPs) as identified in Regulation (EU) 2019/1021 Annex I. In addition, no POPs are created as a by-product during use or customary disposal of polystyrene in a municipal solid waste stream.

V. Prop 65

All expandable polystyrene resins produced at the Montreal, QC facility contain a chemical, styrene, that is on the list of chemicals known to the State of California to cause cancer. (Proposition 65 CAL.HSC. §25249.5) Epsilyte Canada resins may also contain low levels of ethylbenzene and Tetrabromobisphenol A (TBBPA) (only certain modified grades contain TBBPA) which are also listed under California Proposition 65 as chemicals known to cause cancer. The resin as shipped from the facility contains less than 0.099% residual styrene and less than 0.015% ethylbenzene. Epsilyte Canada does not have data on the styrene, ethylbenzene, or TBBPA concentrations in the finished products after expansion or molding. In addition, Epsilyte Canada does not have data on emission rates or decay curves from molded EPS. Records related to the manufacture of these materials will be maintained for at least 3 years in the event that a review is required.

VI. REACH SVHC

Per requirements in EU Regulation (EC) No. 1907/2006 (also known as REACH) Article 33, Epsilyte Canada, ULC polystyrene and expandable polystyrene resins are formulated to be free of substances that have been identified by REACH and cataloged in the following lists and annexes. This applies to products manufactured at the Montreal, Québec facility. The lists and annexes covered by this statement include the following:

- ECHA's Candidate List of Substances of Very High Concern (SVHC) for Authorization
- Annex XIV – List of Substances Subject to Authorization
- Annex XVII – Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Mixtures and Articles (which includes all substances identified in Appendices 1-6 & 8-11)



VII. RoHS

Epsilyte Canada, ULC polystyrene and expandable polystyrene products meet the following directives and policies:

- European Directive 94/62/EC for Packaging and Packaging (PPWR)
- European Directive 2002/95/EC on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment [also known as RoHS (Restriction of Hazardous Substances)]
- European Directive 2011/65/EU [also known as RoHS2 or RoHS Recast]
- European Delegated Directive 2015/863 [also known as RoHS3]
- CONEG's (Coalition of Northeastern Governors) Policy on Toxics in Packaging
- State of California Health & Safety Code sections 25214.11-25214.26 (also known as "Toxics in Packaging Act")
- China RoHS 2 Directive

Additionally, all products manufactured at this site are free from the following substances:

- Heavy Metals: Cadmium (Cd), Lead (Pb), Mercury (Hg), Hexavalent Chromium (Cr(VI))
- PBBs (Polybrominated Biphenyls)
- PBDEs (Polybrominated Diphenyl Ethers)
- DEHP (Bis(2-Ethylhexyl) Phthalate)
- BBP (Butyl Benzyl Phthalate)
- DBP (Dibutyl Phthalate)
- DIBP (Diisobutyl Phthalate)



VIII. Written Kosher Statement

The Epsilyte Canada polystyrene (PS) and expandable polystyrene (EPS) do not contain any ingredients derived from animal sources and are produced in compliance with Kosher guidelines. This applies to the product lines:

- Products containing "C334" in the name
- Products containing "T280" in the name

IX. Mineral Oil (MOSH & MOAH)

Epsilyte Canada, ULC expandable polystyrene resins (EPS) and polystyrene resins (PS) are formulated to be free of mineral oil, and meets USP (United States Pharmacopeia) requirements and US FDA 21 CFR § 172.878 and § 172.3620 (a). Please note that Epsilyte Canada Grades MA*, MB*, MC* contain flame retardant and is NOT approved for use in any food contact application.

X. UFLPA

Epsilyte Canada, ULC production processes used to produce its polystyrene (PS) and expandable polystyrene (EPS) products do not use materials sourced from any entities on the Uyghur Forced Labor Prevention Act (UFLPA) Entity List.



XI. Packaging Conformance to International Maritime Dangerous Goods (IMDG) Code Requirements

Epsilyte Canada, ULC's expandable polystyrene (UN 2211) products packaged in drums, Gaylord boxes and Fiber Intermediate Bulk Containers (FIBCs) are hermetically sealed within an inner liner that is pentane impermeable in compliance with IMDG (International Maritime Dangerous Goods) Code requirement Special Provision 965. The liners used are triple-ply and manufactured from substances that ensure the liner is pentane impermeable. Each liner is individually sealed in either the drum, box or FIBC.

For non-bulk packaging, plastic drums (1H2) or fiber drums (IG) may be used per IMDG Packing Instruction P002. Per requirements of IMDG Packing Provision PP14, non-bulk package for UN 2211 is not required to meet the performance test in chapter 6.1. For bulk packing, IMDG Packing Provision IBC08 specifies packaging types (4) fiberboard (11G) and (6) flexible (13H3) are authorized for use. Epsilyte liners meet the requirements of IMDG Packing Provision IBC08 B3: "Flexible IBCs shall be sift-proof and water-resistant or shall be fitted with a sift-proof and water-resistant liner". Per IMDG Packing Provision IBC08 B6, "For UN Nos 2211..., IBCs are not required to meet the IBC testing provisions of chapter 6.5".



Epsilyte Canada, ULC makes no warranty nor representation of any kind, express or implied, with respect to any product of the Company, and disclaims any and all express and implied warranties or representations to the fullest extent permissible by law. This includes any representation or warranty regarding shelf life, merchantability, title, non-infringement, and fitness of any such product for any particular purpose, regardless of whether the intended purpose of any such product is known by the Company.

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We deeply appreciate your trust and confidence in choosing Epsilyte materials. Your satisfaction is our top priority, and we are committed to providing you with the highest quality products and services. Thank you for making Epsilyte your preferred partner in meeting your material needs. We look forward to continuing to serve and support you in all your future endeavors.

For inquiries or questions, please contact:

Sarah Hulbert
Product Steward & Sustainability Engineer
Epsilyte, LLC
Sarah.Hulbert@epsilyte.com