



MULTI-PLASTICS EXTRUSIONS, INC.

600 Dietrich Avenue, Hazleton, PA 18201
570.455.1931 / 888.456.8018 / Fax 570.450.1604
www.multi-plastics.com

March 2015

Oriented Polystyrene Blends - Customer Fact Sheet

Multi-Plastics Extrusions hereby guarantees that our OPS blends sheet products meet the following:

Heavy Metals Compliance Statement

Multi-Plastics Extrusions hereby certifies that all OPS blends comply with the requirements of the toxics in packaging laws. Specifically:

- We certify that the regulated metals of lead, mercury, cadmium, and hexavalent chromium were not intentionally added to any of our OPS blends during the manufacturing process.
- We further certify that the sum of the incidental concentration levels of lead, mercury, cadmium, hexavalent chromium present in any OPS blend does not exceed 100 ppm by weight (CONEG model limit). These substances are also restricted or forbidden by provisions of EU Directive 2011/65/EU (the RoHS Directive Two).

FDA Compliance Statement

Multi-Plastics Extrusions further guarantees that our OPS blends that are hereafter shipped or delivered to a purchaser, as of the date of such shipment of delivery and subject to the conditions of use or other restrictions if any, are not adulterated or misbranded within the meaning of the Federal Food, Drug, and Cosmetic Act, as amended. OPS blends also comply with the following Food and Drug Administration Regulations:

21 CFR 177.1640 – *Polystyrene and Rubber-Modified Polystyrene* – Polymers listed as approved ingredients can be safely used as components in plastics that are intended to come into contact with food under the specific conditions of use listed in the regulation. See 21 CFR 176.170 - Table 2: C-H.

21 CFR 177.1810 – *Styrene Block Polymers* – The styrene block polymers identified in this section can be safely used as articles or as components of articles intended to come in contact with food.

21 CFR 178.3297 – *Colorants for Polymers* – The substances listed in this section may be safely used as colorants in the manufacture of articles that are intended to come into contact with food subject to the provisions listed in the regulation.

21 CFR 175.300 – *Resinous and polymeric coatings (release agent)* – All the substances used as components of the coatings listed in this regulation may be safely used as food contact surfaces for articles that are intended to come into direct contact with food.



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Allergen Statement

This is also to confirm that our OPS blends do not contain any components based on/or derived from any known or potential allergen such as, but not limited to:

1. Peanuts and products thereof
2. Tree nuts and products thereof
3. Eggs or egg derivatives
4. Dairy or dairy derivatives
5. Wheat or wheat products
6. Soybeans or soy derivatives
7. Gluten from rye, oats and barley
8. FD&C/synthetic colors
9. Sulfites at concentrations more than 10mg/kg
10. Sesame/poppy/caraway seeds
11. Shellfish/fish/crustacea/molluscs and products thereof
12. Mustard and products thereof
13. Corn or corn derivatives
14. Cottonseed products
15. Lupin and products thereof
16. Celery and products thereof
17. Natural rubber latex

Toxics Statement and Proposition 65 Compliance

Multi-Plastics Extrusions also certifies that our OPS blends do not contain any of the following chemicals:

BPA, BPS, PVC, chlorinated phenols, phthalates (DEHP, BBP, DINP, DBP, DnHP, DNOP, DIDP), polychlorinated biphenyls (PCB), poly-brominated biphenyls (PBB) or poly-brominated biphenyl ethers (PBDE), polychlorinated triphenyls (PCT), decabromodiphenyls (DBDPO), naphthalene (and/or naphthalene compounds), TNPP, melamine, diethanolamine (DEA), benzophenone, nonylphenol (and compounds), azo dyes, monosodium glutamate, octylphenoethoxylate, asbestos, dimethylfumurate (DMF), fluorinated telomeric materials, perfluorocarbon resins (PFC's), PFOA, PFOS, Dioxin, benzene, phenol, sulfur, organotin (DBT and DOT), BHA, parabens, biocides, or any animal by-products.

OPS blends also pose no risk of cancer or reproductive hazards under the California Safe Drinking and Toxic Enforcement Act of 1986 (Proposition 65 - listed chemicals) directive and its amendments and therefore do not require a warning statement. However, trace levels of ethylbenzene are present in all polystyrene products but also not at a level that would require a warning statement to consumers under California law.



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Non-Use of Halogen Substances

This is to certify that all our OPS blends meet the limitations in the table below and can be considered **Halogen Free**.

Substance restrictions for halogen-free products and components

Substances	Permissible Limit (by weight)
Cl	900 ppm (0.09%)
Br	900 ppm (0.09%)
Total concentration of Chlorine (Cl) + Bromine (Br)	1500 ppm (0.15%)

There is also no intentional use of Red Phosphorus and Antimony Trioxide (Sb₂O₃) and/or content level exceeding 1000ppm in OPS blends.

REACH Compliance Statement

Manufacturers of all OPS blend raw materials have provided written statements to us that their products which are ultimately exported to the EU by our customers are in full compliance with REACH. However, our OPS blends are *articles* in terms of REACH definitions and are therefore exempt from registration. These products do not contain substances which are released under normal or reasonably foreseeable conditions of use (REACH Article 7-1). EU-importers of Multi-Plastics Extrusions products are therefore relieved from any registration or notification obligations.

These statements also include all Substances of Very High Concern (SVHC) as is defined in Article 57 of REACH. However, please be advised that we do not specifically test OPS blends for each of those substances as they are not intentionally added to them and are not expected to be present at any levels above the threshold limits identified in REACH based on our detailed knowledge of all of the raw materials used in our sheet products. This manufacturer's guarantee is valid for all SVHC's listed up to December 2014.

Kosher Statement

OPS blends are composed of synthetic and chemically inert materials of a high degree of purity and so they will not adversely affect the *Kosher* status of the food packaging products you are creating. Please contact your local *Kosher* certifying agency such as the **Orthodox Union** for assistance in this matter.



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Conflict Minerals Statement

Multi-Plastics Extrusions fully supports the SEC and the recent Dodd-Frank Reform Act as a method to combat human rights abuses by the Democratic Republic of the Congo (DRC), and for making companies more accountable for buying suspect raw materials that directly aid corrupt militias. We are also pleased to report that no “conflict minerals” (tantalum, tin, gold, and tungsten) are used in the manufacture of all our OPS blends.

Clean Air Act Statement

Our OPS blends do not contain and are not manufactured with ozone-depleting chemicals (Class I or Class II) under the Clean Air Act Amendments of 1990 nor require a warning statement related to such chemicals. OPS blends are produced in conformity with Regulation (EC) No. 2037/2000 of the European Parliament on substances that deplete the ozone layer.

Canadian EPA Batches 1-12

None of the ingredients or sub-ingredients in OPS blends are included in the Environment Canada’s November 2006 list of substances proposed for delisting from the Canadian Environmental Protection Act (CEPA) Domestic Substances List (DSL).

Toy Safety Directive Statement

OPS blends are not intentionally formulated with any substances listed in the EU Directive 2009/48/EC (Toy Safety Directive), Annex II, Section III Chemical Properties. These restricted substances include but are not limited to Arsenic, Antimony, Barium, Cadmium, Chromium, Mercury, Lead, and Selenium.

The information provided is believed to be reliable but it is meant only as a guide and is not intended to show compliance with any specific end use. It is the users responsibility to assess all application requirements and then to assure full compliance with all laws, regulations, and standards. This compliance certification for Multi-Plastics OPS blends shall remain in full force and effect for all shipments unless and until it is revoked in writing.

Sincerely,

Philip Pappajohn
Director of Research & Development
Multi-Plastics, Inc.



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