

Oriented HIPS (High Impact Polystyrene) Blends Sheet & Film End Use Compliance Statements

Polystyrene CAS#: 9003-55-8

Heavy Metals, CONEG and RoHS Compliance Statements

Multi-Plastics Extrusions, Inc. hereby certifies that all **HIPS Blends Sheet and Film** has been tested for heavy metals and complies 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 **HIPS Blends Sheet and Film** during the manufacturing process.
- We further certify that the sum of the incidental concentration levels of lead, mercury, cadmium, hexavalent chromium present in **HIPS Blends Sheet and Film** 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 (RoHS Directive 2), EU Directive 2015/863 (RoHS Directive 3), and EU Directive 94/62/EC on Packaging and Packaging Waste. See also Toxics list and Proposition 65 Statements.

FDA Compliance Statement

Multi-Plastics Extrusions, Inc. further guarantees that **HIPS Blends Sheet and Film** 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. **HIPS Blends Sheet and Film** also comply with one or more of 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.
Note: Not intended for use with infant formula or breast milk applications per regulation.
- 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 and 178.3860 – *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.

California Proposition 65 and Washington State Chemicals of High Concern Statement

HIPS Blends Sheet and Film also pose no risk of cancer or reproductive hazards under the California Safe Drinking and Toxic Enforcement Act of 1986 (Proposition 65 - currently listed chemicals) directive and its amendments and therefore do not require a warning statement to consumers. **HIPS Blends Sheet and Film** also meet the standards developed by the States of Washington and Maine for chemicals of high concern for children. However, trace levels of ethylbenzene and styrene are present in all polystyrene products but not at a level that would require a warning statement to consumers under the laws.

Toxics Statement

Multi-Plastics Extrusions, Inc. certifies that **HIPS Blends Sheet and Film** do not contain any of the following chemicals:

BPA, BPS, PVC, chlorinated phenols, BADGE, NOGE, BFDGE, phthalates (DEP, DEHP, BBP, DINP, DBP, DIBP, DnHP, DNOP, DIDP, DPHP, DIUP, DTDPP), poly-chlorinated biphenyls (PCB), poly-brominated biphenyls (PBB) or poly-brominated biphenyl ethers (PBDE), polychlorinated triphenyls (PCT), decabromodiphenyls (DBDPO), polychlorinated dibenzoo-p-dioxins (PCDD), polychlorinated dibenzofurans (PCDF), polycyclic aromatic hydrocarbons (PAH), glyoxal, naphthalene (and/or naphthalene compounds), melamine, formaldehyde, diethanolamine (DEA), BNST, triethanolamine, benzophenone and 4-MBP, 2-ITX, anthraquinone, nonylphenol, nonylphenol ethoxylates, NPP, Tris (2,3-dibromopropyl) phosphate (TDBP), asbestos,

octylphenolethoxylatedimethylfumurate (DMF), fluorinated telomeric materials, vPvB, perfluoroalkyl substances: (PFAS, PFOA, PFOS, PFSA, PFCA), Dioxins and 1,4 dioxane, benzene, trichlorobenzene, tetrachloroethylene, octamethyl-cyclo-tetrasiloxane (D4), phenol, sulfur compounds, BHA, BHT, organotins (DBT, DOT, TBT, and TPT), TBHQ, PVDC, parabens, perchlorate, nano-particle materials, optical brighteners, azo dyes, biocides (MIT and/or MCIT), pesticides, fungicides, fumigants, radioactive substances, or animal by-products. (Also includes all substances in REACH Annex XVII list).

Allergen Statement

This is also to confirm that **HIPS Blends Sheet and Film** do not contain any components based on/or derived from any known or potential allergen such as, but not limited to:

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| 1. Peanuts | 11. Shellfish/fish |
| 2. Tree nuts | 12. Crustacea |
| 3. Eggs or egg derivatives | 13. Corn or corn derivatives |
| 4. Dairy or dairy derivatives | 14. Cottonseed products |
| 5. Wheat or wheat products | 15. Monosodium glutamate |
| 6. Soy or soy derivatives | 16. Mustard |
| 7. Gluten from rye, oats and barley | 17. Celery products |
| 8. FD&C/synthetic colors and dyes | 18. Natural rubber latex |
| 9. Sulfites | 19. Genetically Modified Organisms (GMO's) and/or materials derived thereof. |
| 10. Sesame/poppy/caraway seeds | |

Non-Use of Halogen Substances and Reactive Oxidizing Agents

This is to certify that **HIPS Blends Sheet and Film** meet all current standards for toxic materials and can be considered 100% Halogen Free including the absence of compounds of bromine and chlorine.

Kosher Statement

HIPS Blends Sheet and Film 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.

REACH Regulation (EC) No 1907/2006 Compliance Statement

Manufacturers of **HIPS Blends Sheet and Film** have provided statements to us that their film products exported to the EU by our customers are in full compliance with REACH. **HIPS Blends Sheet and Film** 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 and Annex XVII list. However, please be advised that we do not specifically test **HIPS Blends Sheet and Film** 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 film and sheet products. This guarantee is valid for all SVHC's listed up to January 2025 including Annex XVII.

Conflict Minerals Statement

Multi-Plastics Extrusions, Inc. 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 **HIPS Blends Sheet and Film**.

Consumer Product Safety Improvement Act (CPSIA) Statement

HIPS Blends Sheet and Film comply fully with all relevant CPSIA safety rules and government guidelines.

Clean Air Act and Stockholm Convention Statement

HIPS Blends Sheet and Film 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. **HIPS Blends Sheet and Film** are produced in conformity with Regulation (EC) No. 2037/2000 of the European Parliament on substances that deplete the ozone layer and the Montreal Protocol ODS. **HIPS Blends Sheet and Film** also do not contain chemicals listed as persistent organic pollutants (POP's) by the Stockholm Convention.

Canadian EPA Batches 1-12

None of the ingredients or sub-ingredients in **HIPS Blends Sheet and Film** are included in Environment Canada's June 2014 list of substances proposed for delisting from the CEPA Domestic Substances List (DSL).

Canadian Food and Drug Regulation – Division 23 Compliance – Food Packaging Materials

All **HIPS Blends Sheet and Film** comply with the restrictions and limitations outlined in Health Canada Food and Drug Regulations – Section B.23.001 through 008, (and current active revision valid through 6/5/17).

Toy Safety Directive Statement

HIPS Blends Sheet and Film are not intentionally formulated with any substances listed in ASTM F963-11 and 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, Bismuth, Cadmium, Chromium, Iron, Mercury, Lead, Selenium and total phthalates. See also Toxics and Heavy Metals Statements.

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 Extrusions, Inc. **HIPS Blends Sheet and Film** shall remain in full force and effect for all shipments unless and until it is revoked in writing.

MULTI-PLASTICS, INC.



Philip Pappajohn
Director Research & Development