

## European Regulatory Statements for Heartland Polymers Products

Dear Customer,

All statements provided herein are valid up to the revision date specified in this document.

### **Section I: Regulatory Information**

Please be advised that Heartland Polymers does not intentionally add any of the substances or materials mentioned below in the manufacturing of our polypropylene resins. Furthermore, all declarations are based upon knowledge of our manufacturing processes as well as information provided by our raw material suppliers. We do not conduct routine analytical testing for the presence of these substances in our products. It is recommended that you periodically verify the status of our regulatory statements with a representative of Heartland Polymers.

#### **Heavy Metals:**

All polypropylene products manufactured by Heartland Polymers do not contain intentionally added levels of cadmium, hexavalent chromium, lead and mercury at the levels above the maximum concentrations identified under the European Union Packaging and Waste Directive (94/62/EC).

#### **Substances of Very High Concern (SVHCs):**

All polypropylene products manufactured by Heartland Polymers do not contain any SVHCs and other chemicals listed in EU REACH Regulation No. 1907/2006 (EC 1907/2006), Annex XIV and Annex XVII.

#### **European classification, labeling, and packaging (CLP) Regulation**

All polypropylene products manufactured by Heartland polymers are not intentionally produced or formulated with hazardous substances listed in the annexes of Regulation (EC) No 1272/2008 (amended by EC 487/2013) of the European parliament on classification, labelling, and packaging of substances and mixtures.

#### **EU Waste Framework Directive (EC/98/2008):**

All polypropylene products manufactured by Heartland Polymers do not contain any SVHCs above 0.1% as defined under the EU Waste Framework Directive (2008/98/EC). Therefore, incorporation of any of Heartland Polymer products will not result in a Substances of Concern in Articles (SCIP) notification.

**Medical Device Regulation (EU/745/2017):**

All polypropylene products manufactured by Heartland Polymers do not contain any carcinogens, mutagens, reproductive toxins, endocrine disruptors, or substances of a similar concern at or above 0.1% as stated in Article 59 of Regulation (EC) No 1907/2006. Heartland Polymers incorporates quality manufacturing processes during the manufacturing of our products.

**Biocidal Products Regulation (EU/528/2012):**

All polypropylene products manufactured by Heartland Polymers do not contain any biocides or preservatives.

**Use of Recycled Plastic Material (EC/282/2008):**

All polypropylene products manufactured by Heartland Polymers are processed from virgin materials and do not contain any recycled materials.

**EU Cosmetic Regulations (EC/1223/2009):**

All polypropylene products manufactured by Heartland Polymers do not contain any substances that are banned or restricted on the EU Cosmetic Ingredients List. Quality manufacturing processes have been incorporated to prevent any unintentional additions of these substances during the manufacturing of our products.

**Restriction of Hazardous Substances (RoHS):**

All polypropylene products manufactured by Heartland Polymers complies with the requirements as stated in Directive 2002/95/EC (RoHS 1), Directive 2011/65/EU (RoHS 2) as amended by Directive 2017/2102/EU and Directive 2019/1846/EU and Directive 2015/863/EU (RoHS 3). Our products contains less than the maximum levels of the following restricted substances:

- Lead (Pb): < 1000 ppm
- Mercury (Hg): < 100 ppm
- Cadmium (Cd): < 100 ppm
- Hexavalent chromium (Cr VI): < 1000 ppm
- Polybrominated biphenyls (PBB): < 1000 ppm
- Polybrominated diphenyl ethers (PBDE): < 1000 ppm
- Bis(2-Ethylhexyl) phthalate (DEHP): < 1000 ppm
- Benzyl butyl phthalate (BBP): < 1000 ppm
- Dibutyl phthalate (DBP): < 1000 ppm
- Diisobutyl phthalate (DIBP): < 1000 ppm

### **Safety of Toys (EC/48/2009)**

Heartland polymers does not intentionally add in this product the chemical substances listed in EC/48/2009 Annex II section III Parts 3,8,11 and 13.

Part 3: Carcinogenic, mutagenic, or reprotoxic (CMR) substances

Part 8: Nitrosamines and Nitrosable substances

Part 11: Listed Allergenic Fragrances

Part 13: Listed heavy metals elements.

This product has not been tested and assessed according to European Standard EN-71-3:2021: Migration or content of certain hazardous organic chemical compounds from/in certain toys and toy materials. This product is not a children's product, children's toy, childcare article, or consumer product. It remains to the final manufacturer to ensure the suitability of the product for toys or other children's articles.

### **Polycyclic Aromatic Hydrocarbons PAH (EU/1272/2013)**

Heartland polymers does not intentionally add any polycyclic aromatic hydrocarbons (PAH) during the manufacturing. Heartland polymers doesn't test for these substances.

### **Persistent Organics pollutants POP (EU/2021/2019)**

Heartland polymers does not intentionally add any persistent organic pollutants (PAH) during the manufacturing. Heartland polymers doesn't test for these substances.

### **Kosher or Halal:**

All polypropylene products manufactured by Heartland Polymers are not certified as kosher or halal.

### **Animal Derived Materials (ADM)**

We do not intentionally add any substances from animal derived materials or that considered animal origin substances.

### **Phthalates**

Heartland Polymers does not intentionally add phthalates or plasticizers in any of our manufacturing processes. Phthalates are not components of the catalytic system used in the production of Heartland Polymers polypropylene. Polypropylene is exempt from testing, according to the CPSIA.

## Allergen Substances:

Heartland polymers does not intentionally add any allergenic substances in any of its products, these include but not limited to the following. soybean products, egg products, milk products, fish, shellfish (e.g. crustaceans and products), wheat products (e.g. gluten), sunflower seeds, poppy seeds, sesame seeds, celery and products, mustard and products or sulfites, peanut products, beef, pork, chicken etc.

## Section II: Substances of Concern to Customers:

Based on the documentation provided by our suppliers and knowledge of our raw materials, none of the substances of concern to our customers listed below are intentionally added to any of Heartland Polymers' polypropylene products. We do not conduct routine analytical testing for the presence of these substance in our products.

We believe this information to be accurate and reliable as of this date. We cannot guarantee that the status of this statement about our products will remain unchanged indefinitely; therefore, we recommend that you periodically verify its status with a Heartland Polymers representative.

- Acetonitrile, Acrylamide, acrylonitrile, acrylic acid, butadiene, hydrogen fluoride, hydrogen peroxide, methacrylic acid, methyl methacrylate, toluene, trichlorobenzene (2004/394/EC: Commission recommendation)
- Asbestos,
- Azo dyes and Colorants, inks or pigments, carbon black,
- Bisphenol Compounds:
  - o Bisphenol A, Bisphenol F, Bisphenol S, or BPX (Bisphenol based derivatives),
- Biocides,
- Boric compounds: boric acid, sodium perborate, perboric acid, sodium borate(borax)
- Brominated flame retardants (such as decabrominated diphenyl ether (DecaBDE) and octabrominated diphenyl ethers (BDE)),
- Bumetizole,
- Chlorinated polymers,
- Compounds regulated in Kyoto protocol (Annex A, UN climate change framework)
- Compounds present on EU list of endocrine disruptors (Annex 9), endocrine disruptors list (updated November 2023), suspected endocrine disruptors (Annex13), and SIN (Substitute it now) list of endocrine disruptors,
- Compounds meeting PBT or vPvB criteria under EU REACH (Annex XIII) or SIN (Substitute it now) list
- Cradle to Cradle Certified Product Standard Restricted Substance Lists (RSL).
- Decabromodiphenyl ether (DecaBDE),
- Dibutyl phthalate,

- Food derived allergens (dairy, eggs, fish, peanuts, tree nuts, shellfish, soy and wheat) included in the FDA's list of allergens and sensitizers,
- Epichlorohydrin,
- Epoxy derivatives:
  - 2,2-bis(4-hydroxyphenyl) propane bis (2,3-epoxypropyl ether (BADGE), bis(hydroxyphenyl)methane bis(2,3-epoxypropyl) ether (BDFGE), novolac glycidyl ether (NOGE),
- 2,4,6-tri-butylphenol,
- 2 – (2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl) phenol,
- 2-(dimethylamino)-2-[(4-methylphenyl) methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one
- Ethylene oxide,
- Flame retardants,
- Free formaldehyde or formaldehyde donor preservatives,
- Fungicides and fumigants,
- Genetically modified organisms,
- International Living Future Institute's Red List
- Isocyanates,
- Isolat protein canola,
- Medium-Chain Chlorinated Paraffins (MCCP C14-C17) and short-chain chlorinated paraffins (C10-C13),
- Melamine,
- Microbeads,
- Nanomaterials,
- Natural Rubber Latex (NRL), Dry Natural Rubber (DNR), Synthetic Latex,
- Nitrosamines,
- Nonyl or alkyl phenol ethoxylates,
- Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol
- Organotin compounds,
- Ozone Depleting Chemicals (ODCs),
- Parabens,
- Perfluorinated compounds (PFOA, PFAS, PFOS),
- Perfluorocarboxylic acids (PFCA)
- Polychlorinated dibenzo-p-dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs), dioxins,
- Pesticides,
- Phthalates:
  - Di-(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP), benzyl butyl phthalate (BBP), diisononyl phthalate (DINP), diisobutyl phthalate (DIBP), di-n-pentyl phthalate (DPENP), di-n-hexyl phthalate (DHEXP), and dicyclohexyl phthalate (DCHP),
- Plasticizers,
- Polychlorinated biphenyls (PCBs) and polychlorinated terphenyls (PCTs),

- Polycyclic Aromatic Hydrocarbons (PAHs)
- Polyvinyl chloride (PVC),
- Propylene glycol,
- Siloxanes and silicones,
- Sulfites,
- Tocopherol (Vitamin E)
- Triclosan.
- Volatile organic compounds

If you have any questions regarding regulatory compliance, please contact a Heartland Polymers representative.



#### CUSTOMER SUCCESS TEAM

1.877.595.2320 | [customer.service@heartlandpolymers.com](mailto:customer.service@heartlandpolymers.com)  
[www.heartlandpolymers.com](http://www.heartlandpolymers.com)

#### IMPORTANT NOTICE:

The information and statements herein are believed to be reliable and based on the best knowledge to the date published. Regulations are developed continuously, and regulatory letters will be adapting accordingly. Please, ask for a new declaration periodically.

Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose. No warranty for a particular application is made.

The declaration does not cover any substance subsequently added by the converter. This declaration applies to the material as it leaves its production facilities. No liability can be accepted in respect of the use of heartland polymers products in conjunction with other materials.