



**Formosa Plastics®**

**Formosa Plastics Corporation, U.S.A.**  
9 Peach Tree Hill Road  
Livingston, NJ 07039  
Telephone: (973)-992-2090

September 13, 2018

**Re: Product General Declarations - Formolene® Polypropylene Resins**

Dear Valued Customer:

Formolene® polypropylene resins are manufactured in Formosa Plastics' Point Comfort, Texas facility. Greater than 99 percent of all materials used in the manufacture of these resins are sourced from domestic suppliers. NAFTA Certificates of Origin are available upon request.

Please be advised that, Formosa Plastics Corporation, U.S.A. does not intentionally add any of the materials listed below during the manufacture of Formolene® polypropylene resins. Furthermore, based upon our knowledge of the manufacturing process and information provided by our raw material suppliers, we would not expect these substances to be present in our final products. Analysis for these chemicals is not routinely performed. Please note that, as the supplier of the resins, Formosa cannot make any claim with regard to extruded or molded products or components made from them.

**Food Allergens**

Formolene® polypropylene resins do not contain allergenic ingredients such as tree nuts, peanut products, soybean products, egg products, milk products, fish, shell fish, wheat products, sunflower seeds, poppy seeds, sesame seeds, or sulfites.

**Genetically Modified Organisms**

Genetically modified organisms are not used in the formulation or manufacture of Formolene® polypropylene resins.

**Latex**

To the best of our knowledge, the materials used, manufactured, and processed for Formolene® polypropylene resins do not contain natural latex rubber or dry natural rubber.

**Ozone Depleting Substances**

Materials listed in the Clean Air Act Amendments of 1990 (Class I CFC's, Class II HCFC's and the solvents, carbon tetrachloride and 1,1,1-trichloroethane) are not used in the manufacture of Formolene® polypropylene resins.

**Heavy Metals**

These resins comply with the package requirements for heavy metals as set forth by the Coalition of Northeast Governors (CONEG), the California Toxics in Packaging Act and Article 11 of EU Directive 94/62/EC. Lead, cadmium, mercury, arsenic, and hexavalent chromium are not used in the formulation or manufacture of Formolene® polypropylene resins. The incidental (non-intentionally added) concentrations of these heavy metals do not exceed 100 parts per million by weight.

### **EU Restriction of Hazardous Substances (RoHS, RoHS 2, RoHS3) Directives 2002/95/EC, 2011/65/EU, 2015/863**

These resins meet the safety and regulatory requirements for certification under this standard. Formosa Plastics Corporation, U.S.A. does not intentionally add lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE) or any of the four designated phthalates (DEHP, BBP, DBP and DIBP) during the manufacture of Formolene<sup>®</sup> polypropylene resins.

### **California Proposition 65**

Formolene<sup>®</sup> 2510W polypropylene contains an ingredient (titanium dioxide – TiO<sub>2</sub>) that is known to the State of California to cause cancer when inhaled as an unbound respirable particulate. However, this material is supplied as pellets; inhalation of respirable titanium dioxide is not expected under reasonably foreseeable conditions of use.

Otherwise, to the best of our knowledge, Formolene<sup>®</sup> polypropylene resins do not contain any of the chemical substances listed by the State of California on its Proposition 65 (“Safe Drinking Water and Toxic Enforcement Act of 1986”) list and all subsequent updates as of the date of this letter.

### **Pentabromodiphenyl Ether and Octabromodiphenyl Ether**

Pentabromodiphenyl Ether and Octabromodiphenyl Ether are not used in the formulation or manufacture of Formolene<sup>®</sup> polypropylene resins. To the best of our knowledge, these resins are in compliance with EU Directives 2003/11/EC and 76/769/EEC.

### **Phthalates, Bisphenol A (BPA) and Bisphenol S (BPS)**

Phthalates (DEHP, DnHP, DBP, BBP, DINP, DIDP, DIBP, DNOP), Bisphenol A and Bisphenol S are not used as ingredients in the manufacture of Formolene<sup>®</sup> polypropylene resins. Polypropylene may contain catalyst residues which include phthalates.

### **Glycidyl Ethers (BADGE, BFDGE, NOGE) – Epoxy Derivatives**

Bisphenol A Diglycidyl Ether (BADGE), Bisphenol F Diglycidyl Ether (BFDGE) and Novolac Glycidyl Ether (NOGE) are not used in the formulation or manufacture of Formolene<sup>®</sup> polypropylene resins. To the best of our knowledge, these resins are in compliance with EC Regulation 1895/2005 for epoxy derivatives.

### **Azodicarbonamide/Azobisformamide (ADA), Butylated Hydroxyanisole (BHA), Butylated Hydroxytoluene (BHT) and Tertiary Butylhydroquinone (TBHQ)**

Azodicarbonamide/Azobisformamide (ADA), Butylated Hydroxyanisole (BHA), Butylated Hydroxytoluene (BHT) and Tertiary Butylhydroquinone (TBHQ) are not used in the formulation or manufacture of Formolene<sup>®</sup> polypropylene resins.

### **Organotin Compounds**

Organotin compounds are not used in the formulation or manufacture of Formolene<sup>®</sup> polypropylene resins.

---

**PFOA, PFAS, PFOS and DMF**

Perfluorooctanoic Acid (PFOA), Per- and Polyfluoroalkyl Substances (PFAS), Perfluorooctanesulfonic Acid (PFOS) and Dimethyl Fumarate (DMF) are not used in the formulation or manufacture of Formolene<sup>®</sup> polypropylene resins.

**Animal Derived Materials**

As of March 1, 2014, all Formolene<sup>®</sup> polypropylene resins are free of animal derived materials (ADM).

**Melamine**

All Formolene<sup>®</sup> polypropylene resins are free of melamine.

**Railcar Cleaning Declaration**

Formosa Plastics Corporation, Texas has established a comprehensive railcar cleaning procedure that outlines the various steps and actions required to insure the quality of Formolene<sup>®</sup> polypropylene resin products prior to loading. In addition, the procedure requires that documentation of various parameters, throughout the cleaning process, to provide ongoing evidence of adherence to the protocols. This procedure is proprietary. Due to the proprietary nature of this information, it cannot be shared via publication. If you feel the need to audit our plant, please schedule a visit to our Point Comfort facility at your convenience.

As always, *You expect more. And Formosa delivers<sup>®</sup>*. If you have questions, please contact your Sales or Customer Service Representative.

Kind Regards,



Steve Rice  
Senior Manager – Corporate Communications and Product Stewardship

**IMPORTANT NOTICE:**

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.

---