



Formosa Plastics®

Formosa Plastics Corporation, U.S.A.
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July 2, 2018

Re: Product General Declarations - Formolon® Suspension Polyvinyl Chloride (PVC) Resins

Dear Valued Customer:

Formolon® suspension PVC resins are manufactured in Formosa Plastics' facilities in Texas and Louisiana. 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, to the best of our knowledge, the ingredients used, manufactured, and processed for Formolon® suspension PVC resins do not contain any of the materials listed below. 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 product. 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

Formolon® PVC 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 *Formolon® PVC* resins.

Latex

To the best of our knowledge, the materials used, manufactured, and processed for *Formolon® PVC* 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 Formolon® PVC 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, and hexavalent chromium are not used in the formulation or manufacture of Formolon® PVC resins. Therefore, the sum of the incidental (non-intentionally added) concentrations of these heavy metals in Formolon® PVC resins does not exceed the CONEG threshold of 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 Formolon[®] PVC resins.

Pentabromodiphenyl Ether & Octabromodiphenyl Ether

Pentabromodiphenyl Ether & Octabromodiphenyl Ether are not used in the formulation or manufacture of Formolon[®] PVC 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)

Phthalates (BBP, DBP, DEHP, DIBP, DIDP, DINP, DNOP) or Bisphenol A are not used in the formulation or manufacture of Formolon[®] PVC resins.

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 Formolon[®] PVC resins. To the best of our knowledge, these resins are in compliance with EC Regulation 1895/2005.

PFOA, PFAS, PFOS, 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 Formolon[®] PVC resins.

Post-Consumer Recycled Materials

Post-consumer recycled materials are not used in the formulation or manufacture of Formolon[®] PVC resins.

Some Formolon[®] suspension *PVC* resins may contain the ingredients listed below. Please refer to the Safety Data Sheet (SDS) for additional information.

California Proposition 65

Formolon[®] suspension PVC products contain < 1 part per million (ppm) of residual vinyl chloride monomer which is listed by the State of California under Proposition 65. Vinyl chloride is listed as a carcinogen with a No Significant Risk Level (NSRL) of 3 µg/day.

Formolon[®] PVC compound products contain titanium dioxide which is known to cause cancer by the State of California when inhaled.

Organotin Compounds

Organotin compounds are not used in the formulation or manufacture of Formolon[®] PVC homopolymer and copolymer resins. However, organotin heat stabilizers are used in some suspension PVC compound products.

Animal Derived Materials (incl. BSE/TSE)

No animal derived materials are used in the manufacture of Formolon[®] PVC homopolymer and copolymer resins. Any resin grades that are listed as meeting European Union and U.S. Food & Drug Administration standards for food contact use are also free from contamination with Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE) agents. Also, to the best of our knowledge, all materials used to clean this equipment and all test materials used in the validation of plant and equipment are similarly compliant.

Formolon[®] Suspension PVC compound products, however, may contain additives made from animal-derived materials. If you require a Formolon[®] PVC compound product to be completely free of animal derived materials, please contact your Sales or Technical Service Representative.

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

Sincerely,



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.
