



## BPA Statement February 22, 2021

Dear Valued Customer:

This letter provides the compliance status of Epoxies, Etc. products with the following directive(s) or regulation(s):

### **Product/Article Declaration**

REACH (EC 1907/2006) SVHC List (January 12, 2017)

### **Background**

On January 12, 2017 the European Chemicals Agency (ECHA) published the new REACH Candidate List, adding four new materials, and increasing the number of chemical substances of very high concern (SVHC) to 173.

The compound bisphenol A (BPA) was one of four new substances to be identified as a SVHC on 01/12/17 by the European Chemicals Agency (ECHA). The International Union of Pure and Applied Chemistry (IUPAC) nomenclature for this compound is known as "4,4'-(propane-2,2-diyl)diphenol". The substance is also chemically identified by the ECHA on the SVHC List as "4,4'-isopropylidenediphenol" with the Chemical Abstract Service (CAS) Registry Number 80-05-7.

Bisphenol A is an organic compound which chemically performs as the fundamental building block for many epoxy resins as well as polycarbonate plastic. BPA acts a reactant/monomer which binds molecules to form many types of different epoxy resin polymers. Bisphenol-A-diglycidylether (BADGE) epoxy resin is a typical example of a standard commercially available type of polymer manufactured and used globally.

### **Epoxies, Etc. Product(s)**

BADGE Epoxy resins are synthesized by reacting BPA and Epichlorohydrin in the presence of a basic catalyst, where both components react away to form the final resin. Under Reach, this final resin is identified as a chemical substance or a polymer (characteristically with a residual amount of BPA <0.1%) which is fundamentally different from the chemical compound BPA itself. This use is consistent with classification as an intermediate use which is, by REACH regulatory definition, exempt from the authorization process. As a consequence, no direct implications of SVHC identification and/or potential authorization are expected for BPA in any epoxy resin formulation based products manufactured by Epoxies, Etc.

Epoxies, Etc. does not perform analytic testing on our products to determine any presence of BPA. Epoxies, Etc. bases its' knowledge on information provided by third parties and believes it to be true. To the best of our knowledge, BPA (4,4'-isopropylidenediphenol CAS# 80-05-7) is not intentionally or knowingly used as an additional ingredient in products manufactured by Epoxies, Etc. BPA is not expected to be present at elevated levels and our manufacturing processes are not expected to introduce or create this substance.

We value your business. Please let us know if we can be of service.

Jeffrey A. Sargeant  
Technical Director

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