

## HyPox<sup>™</sup> DA323

Dimer Acid Adducted to an  
Epoxidized Bisphenol A Resin  
CAS NO. 67989-52-0

### DESCRIPTION

**HyPox DA323** is an adduct of a DGEBA resin and a dimer fatty acid. At room temperature **HyPox DA323** is a semi-solid which requires mild heating to assist flow or pumping. The introduction of the fatty acid to the DGEBA backbone yields a resin which will impart a degree of flexibility to cured epoxy formulations.

**HyPox DA323** is usually blended with other epoxy resins and/or diluents to improve thermal shock, and impact resistance. Improvements in adhesion and peel strength will also be realized. These improvements occur, however, with some sacrifice in heat resistance as exemplified by a lowering of Tg with increasing **HyPox DA323** concentration. **HyPox DA323** is compatible with all standard epoxy resins and curing agents.

### APPLICATIONS

- ☐ Adhesives
- ☐ Encapsulating
- ☐ Potting
- ☐ Coatings
- ☐ Toughening of prepreg and composites

### TYPICAL PROPERTIES

Appearance	Clear, Clean
Viscosity @ 52°C, poise	400 - 600
Epoxide Equivalent Weight, g/eq	600 - 725
Acid Number, max	0.1
Gardner Color, max	12
Weight per Gallon, @ 25°C, lbs.	9.0
Flash Point, COC, °C (°F)	>200

### HEALTH & SAFETY PRECAUTIONS

**HyPox DA323** is slightly irritating to the skin. As with all epoxy resins prolonged or repeated skin contact with uncured resin should be avoided. Rubber gloves and full eye protection are recommended. Protective clothing should be worn. Leather articles cannot be cleaned.

Refer to the **CVC Thermoset Specialties** Material Safety Data Sheet on **HyPox DA323** for additional safety and handling information. The MSDS is revised as new data becomes available.

### PACKAGING & AVAILABILITY

**HyPox DA323** is available in 55 gal. non-returnable open head steel drums (net weight 450 lbs.) Bulk shipments are available with adequate lead-time. Drum inventory is available at most CVC regional warehouses. Check with your local sales representative for the shipping location nearest you.



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**HyPox™ DA323**

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