

EPALLOY[®] 7192

Diglycidyl Ether of Bisphenol A
CAS No. 25036-25-3

DESCRIPTION

EPALLOY 7192 is an unmodified, high-molecular-weight bisphenol A based epoxy resin that is a semisolid material at room temperature. It is particularly well suited for use in formulating durable high-solids coatings, toughened adhesives, laminating resins, and prepreg molding compounds. As compared to lower-molecular-weight epoxy resins, it will provide faster cure, improved adhesion, more durable cured systems and toughness, with somewhat reduced high-temperature performance

EPALLOY 7192 is suitable for blending with most other epoxy resins but may not be compatible with all modifiers or additives. It will react with most standard curing agents such as aliphatic and cycloaliphatic amines, amine adducts, polyamides, and amidoamines. Certain curing agents will require a short induction time after mixing and before application in order to allow compatibilization and to prevent surface defects such as blushing in coatings.

It is recommended that EPALLOY 7192 be heated to a temperature of approximately 150 °F to facilitate handling, dispensing and mixing.

APPLICATIONS

- High-solids primer and coatings
- Chemical resistant coatings
- Molding and casting compounds
- Concrete dikes
- Steel structures
- Concrete dikes
- Steel structures
- Rail cars
- Adhesives
- Tooling
- Laminating

TYPICAL PROPERTIES

Appearance	Clear, Slight Amber Color
Viscosity @ 25 °C, cps (70% Solids in Butyl Carbitol)	Gardner-Holdt, O-V
Epoxide Equivalent Weight, g/eq	230 – 280
Gardner Color, max	3
Weight per Gallon @ 25 °C, lb.	9.7

PACKAGING & AVAILABILITY

EPALLOY 7192 is available in 55 gal. non-returnable steel drums (net weight 500 lb.) and 5 gal. plastic pails (45 lb. net). 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.

HEALTH & SAFETY PRECAUTIONS

EPALLOY 7192 is not a primary skin irritant or sensitizer. However, as with any epoxy material, irritation can result from repeated or prolonged contact. The symptoms of this irritation may appear as a mild reddening or a more pronounced rash. It is, therefore, important to avoid skin contact where possible. Butyl rubber gloves, full eye protection and protective clothing are recommended.

Refer to CVC Thermoset Specialties Material Safety Data Sheet on EPALLOY 7192 for additional safety and handling information. The MSDS is revised as new data becomes available.

DISCLAIMER

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