

An Emerald Performance Materials Company

EPALLOY™ 7190 Diglycidyl Ether of Bisphenol A CAS NO. 25068-38-6

DESCRIPTION

EPALLOY 7190 is an unmodified liquid diglycidyl ether of Bisphenol A. It possesses a light color and a moderate room temperature viscosity.

EPALLOY 7190 will react with all epoxy resin curing agents producing cured products with excellent chemical resistance and adhesive, electrical and mechanical properties. Typical curing agents include aliphatic, cycloaliphatic, aromatic and tertiary amines, polyamides, amidoamines, acid anhydrides, polysulfides and Lewis acids. For applications which require a lower viscosity Bisphenol A based resin, EPALLOY 7190 is compatible with all ERISYS™ reactive diluents. The addition of a diluent to 7190 will also alter the pot life and cured properties of the resin.

APPLICATIONS

- High solids primers and coatings
- Chemical resistant pipe and tanks
- Chemical resistant coatings
- Electrical encapsulation
- Laminating
- Adhesives
- Tooling
- Molding and casting compounds

TYPICAL PROPERTIES

Appearance	Clear, Clean
Viscosity @ 25°C, cps	11,000 - 15,000
Epoxide Equivalent Weight, g/eq	182 – 192
Gardner Color, max	2
Weight per Gallon, @ 25°C, lbs.	9.7

HEALTH & SAFETY PRECAUTIONS

EPALLOY 7190 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 7190 for additional safety & handling information. The MSDS is revised as new data becomes available.

PACKAGING & AVAILABILITY

EPALLOY 7190 is available in 55 gal. non-returnable steel drums (net weight 500 lbs.) and 5 gal. plastic pails (45 lbs. 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.

DISCLAIMER

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