

An Emerald Performance Materials Company**EPALLOY™ 8280**
Epoxy Phenol Novolac Resin
Functionality 2.8
CAS NO. 28064-14-4**DESCRIPTION**

EPALLOY 8280 is an epoxidized phenol novolac resin with an average functionality of 2.8. It is a non-crystallizing resin that is compatible with all standard curing agents and most all other epoxy-functional resins and modifiers.

APPLICATIONS

- High Temperature Encapsulants/Adhesives
- Conductive Adhesives
- Prepregs and Composites
- Chemical Resistant Coatings
- Laminating/Film Adhesives
- Filament Winding

TYPICAL PROPERTIES

Appearance	Clear, Clean
Viscosity @ 52°C, cps	1,100 – 1,700
Epoxide Equivalent Weight, g/eq	172 - 179
Gardner Color, max	2
Residual Epichlorohydrin, max ppm	10
Hydrolyzable Chloride, max %	0.15
Weight per Gallon, @ 25°C, lbs.	10 ± 0.1
Flash Point, COC, °C (°F)	>200 (>392)

HEALTH & SAFETY PRECAUTIONS

EPALLOY 8280 is not a primary skin irritant or sensitizer. Like any epoxy material, irritation can result from repeated or prolonged contact. The symptoms of this irritation may appear as a mild reddening to a more pronounced rash. It is, therefore, important to avoid skin contact where possible. Rubber gloves, protective clothing and full eye protection are recommended.

Refer to the **CVC Thermoset Specialties** Material Safety Data Sheet on EPALLOY 8280 for additional safety and handling information. The MSDS is revised as new data becomes available.

PACKAGING & AVAILABILITY

EPALLOY 8280 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.

DISCLAIMER

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