

## EPALLOY<sup>®</sup> 8280 Epoxy Phenol Novolac Resin

### Product Description

EPALLOY<sup>®</sup> 8280 resin is an epoxidized phenol novolac resin with an average functionality of 2.80. It is a non-crystallizing resin that is compatible with all standard curing agents and most 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

Property	EPALLOY <sup>®</sup> 8280
Viscosity at 52°C, cP	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 at 25°C (77°F), lb.	10 ± 0.1
Flash Point, COC, °C (°F)	>200 (>392)

## Storage

EPALLOY® 8280 resin should be stored in a dry place, in the sealed original containers, at temperatures between **+2°C and +40°C (+35.6°F and +104°F)**. Under these storage conditions, the product has a shelf life of **24 months** (from date of manufacture). The products should not be exposed to direct sunlight.

## Precautionary Statement

Huntsman Advanced Materials Americas LLC maintains up-to-date Safety Data Sheets (SDS) on all of its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest SDS to determine possible health hazards and appropriate precautions to implement prior to using this material.

### First Aid!

Refer to SDS as mentioned above.

**KEEP OUT OF REACH OF CHILDREN**

**FOR PROFESSIONAL AND INDUSTRIAL USE ONLY**

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