

An Emerald Performance Materials Company**EPALLOY™ 8330**
Epoxy Phenol Novolac Resin
Functionality 3.6
CAS NO. 28064-14-4**DESCRIPTION**

EPALLOY 8330 is a 3.6 functional epoxy phenol novolac resin exhibiting lower viscosity than competitively available commercial alternates. Close process controls produce a resin significantly lower in viscosity than other epoxy novolacs of similar functionality. EPALLOY 8330 combines low hydrolyzable chloride content with good reactivity. It is non-crystallizing and compatible with all standard curing agents and most resin systems and solvents. Because of its lower viscosity, EPALLOY 8330 is excellent for use in hot melt prepreg, filament winding and circuit board applications where high performance is required.

APPLICATIONS

- High Temperature Encapsulants/Adhesives
- Conductive Adhesives
- Prepregs and Composites
- Chemical Resistant Coatings
- Viscosity Modifier for Epoxy Novolacs
- Filament Winding

TYPICAL PROPERTIES

Appearance	Clear, Clean
Viscosity @ 52°C, cps	20,000 – 30,000
Epoxide Equivalent Weight, g/eq	171 -183
Gardner Color, max	3
Residual Epichlorohydrin, max ppm	10
Hydrolyzable Chloride, max %	0.10
Weight per Gallon, @ 25°C, lbs.	10 ± 0.1
Flash Point, COC, °C (°F)	>250 (>482)

HEALTH & SAFETY PRECAUTIONS

EPALLOY 8330 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 8330 for additional safety and handling information. The MSDS is revised as new data becomes available.

PACKAGING & AVAILABILITY

EPALLOY 8330 is available in 55 gal. non-returnable steel drums (500 lbs. net) 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.



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CVC Thermoset Specialties—844 N. Lenola Road/Moorestown, NJ 08057
An Emerald Performance Materials Company

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844 North Lenola Road / Moorestown, NJ 08057 / Phone: 856-533-3000 / Fax: 856-533-3003 / www.emeraldmaterials.com