

An Emerald Performance Materials Company**ERISYS[®] RN-25
Resorcinol/Phenol Novolac Epoxy Resin
Low Viscosity High Temperature
Resin System****DESCRIPTION**

ERISYS RN-25 is a formulated Resorcinol/Epoxy Phenol Novolac resin which combines low viscosity with a high degree of reactivity and outstanding chemical resistance. It is non-crystallizing and compatible with all standard curatives and most resin systems and solvents. ERISYS RN-25 is excellent for 100% solids coatings requiring room temperature cure and chemical resistance to concentrated acids and aggressive solvents, particularly at higher temperatures.

APPLICATIONS

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

TYPICAL PROPERTIES

Appearance	Clear, Clean
Viscosity @ 25°C, cps	5,000 – 6,500
Epoxide Equivalent Weight, g/eq	152 - 165
Gardner Color, max	5
Hydrolyzable Chloride, max %	0.10
Weight per Gallon @ 25°C, lbs.	10.0 ± 0.1
Flash Point, COC, °C (°F)	>177(>350)

HEALTH & SAFETY PRECAUTIONS

Resorcinol diglycidyl ether is a skin irritant and sensitizer. Once sensitized, an individual may have a severe allergic reaction upon even a small skin exposure. The symptoms of this allergic reaction usually appear identical to a very severe case of poison ivy. As a component in ERISYS RN-25 it is, therefore, important to avoid all skin contact with this material. Rubber gloves and full eye protection are recommended along with protective clothing.

Refer to the **CVC Thermoset Specialties** Material Safety Data Sheet on ERISYS RN-25 for additional safety and handling information. The MSDS is revised as new data becomes available.

PACKAGING & AVAILABILITY

ERISYS RN-25 is available in 55 gal. non-returnable steel drums (net weight 500 lbs.) and 5 gallon 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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DISCLAIMER

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