ERISYS® RN-3650
Resorcinol/Phenol Novolac Epoxy Resin
Low Viscosity High Temperature
Resin System

DESCRIPTION
ERISYS RN-3650 is a blended resin of ERISYS RDGE, Resorcinol Epoxy Resin and EPALLOY 8330, 3.6 functional Phenol Novolac Resin. In this form the blend is resistant to crystallization, a problem with the high purity of the resorcinol resin. ERISYS RN-3650 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

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-3650 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-3650 for additional safety and handling information. The MSDS is revised as new data becomes available.

PACKAGING & AVAILABILITY
ERISYS RN-3650 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.

TYPICAL PROPERTIES
- Appearance: Clear, Clean
- Viscosity @ 25°C, cps: 7,000 - 9,000
- Epoxide Equivalent Weight, g/eq: 141 - 156
- Gardner Color, max: 3
- Residual Epichlorohydrin, max ppm: 10
- Hydrolyzable Chloride, max %: 0.10
- Weight per Gallon @ 25°C, lbs.: 10.0 ± 0.2
- Flash Point, COC, °C (°F): >252 (>485)
DISCLAIMER

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