

An Emerald Performance Materials Company

HyPox™ RM20
Epoxidized Neopentyl Glycol Modified
with a CTBN Elastomer
CAS No. Mixture

DESCRIPTION

HyPox RM20 is a diepoxide functional polymer of neopentyl glycol and a liquid butadiene-acrylonitrile (CTBN) rubber. Compared to standard epoxy resin/CTBN adducts, HyPox RM20 exhibits a relatively low viscosity coupled with a high rubber content. HyPox RM20 is intended for use in combination with standard epoxy resins when the end use application requires toughening and viscosity reduction. HyPox RM20 will increase flexibility and crack and fatigue resistance. It will improve peel resistance and adhesive properties.

APPLICATIONS

- Adhesives
- Impact Resistant Coatings
- Toughening of Prepregs and Composites
- Molding Compounds
- Modifier to Improve Thermal Cycle Resistance

TYPICAL PROPERTIES

Appearance	Clear to Slightly Hazy, Clean
Viscosity @ 25°C, cps	4,000 - 8,000
Epoxide Equivalent Weight, g/eq	275 - 305
Gardner Color, max	10
Weight per Gallon, @ 25°C, lbs.	8.4 ± 0.1

HEALTH & SAFETY PRECAUTIONS

HyPox RM20 is not a primary skin irritant or sensitizer. However, as with any epoxy material, irritation can result from repeated or prolonged contact. The symptoms of this irritation may appear as a mild reddening or a more pronounced rash. It is, therefore, important to avoid skin contact where possible. Butyl rubber gloves, full eye protection and protective clothing are recommended.

Refer to the **CVC Thermoset Specialties** Material Safety Data Sheet on HyPox RM20 for additional safety and handling information. The MSDS is revised as new data becomes available.

PACKAGING & AVAILABILITY

HyPox RM20 is available in 55 gal. non-returnable open head steel drums (net weight 450 lbs.) and 5 gal. plastic pails (40 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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