

## HYPOX<sup>®</sup> RM22 CTBN-Toughened Epoxidized Cyclohexane Dimethanol Adduct

### Product Description

HYPOX<sup>®</sup> RM22 is an adduct of CTBN with epoxidized cyclohexane dimethanol. Compared to standard epoxy resin/CTBN adducts, the product exhibits a moderate viscosity, coupled with a high rubber content. HYPOX<sup>®</sup> RM22 adduct is intended for use in combination with standard epoxy resins when the end-use application requires toughening and improved rubber compatibility with DGEBA. HYPOX<sup>®</sup> RM22 adduct will increase flexibility, crack, fatigue and peel resistance, and adhesive properties. It will also improve the cathodic disbondment property when use in coating formulations for underground buried pipes for oil and gas transport applications

### Applications

- Adhesives
- Encapsulating
- Potting
- Coatings
- Toughening of prepregs and composites

### Typical Properties

Property	HYPOX <sup>®</sup> RM20
Appearance	Clear, Clean
Viscosity at 25°C, cP	15,000 – 25,000
Epoxide Equivalent Weight, g/eq	320 – 360
Gardner Color, max	10
Weight per Gallon at 25°C, lb.	8.6 ± 0.1
CTBN content, %	50% HYPRO <sup>®</sup> 1300X13

## Storage

**HYPOX® RM22** adduct 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**

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