

# Technical Data Sheet

## HELOXY™ Modifier HD

### Product Description

HELOXY™ Modifier HD is adiglycidyl ether of 1,6-hexanediol.

The modifier is primarily used as a reactive diluent or viscosity reducer for liquid epoxy resins.

### Application Areas/Suggested Uses

HELOXY™ Modifier HD is a reactive diluent for a variety of uses for solvent-free coatings based on epoxy resins. Its main fields of application are formulated, low-viscous epoxy resins with good leveling, surfaces and wetting properties, used for civil engineering, paints and adhesives.

HELOXY™ Modifier HD is added to the epoxy resin in a ratio of 5 – 25 %.

### Benefits

- Reduces viscosity while maintaining most cured state properties
- Improves wetting characteristics
- Facilitates air release

### Sales Specifications

Property	Value	Unit	Test Method	Standard
Color	50 max	Hazen		ISO 6271
Epoxy Equivalent	135 - 155	g/equivalent	DIN 16945	
Epoxy Number	27.75 - 31.85	%	DIN 16945	
Viscosity at 25°C	14 - 25	mPa:s	DIN 16945	

### Typical Properties

Property	Value	Unit	Test Method	Standard
Delivery Form	liquid			
Density at 20°C	1.05 - 1.07	kg/L		ISO 2811
Hydrolyzable Chlorine Content	0.3	%		ISO 21627-2
Refractive Index at 25°C	1.458 - 1.462		DIN 51423	

### Safety, Storage & Handling

Please refer to the MSDS for the most current Safety and Handling information.

HELOXY™ Modifier HD should be stored at room temperature in conditions such that moisture is excluded, in the original containers kept tightly closed. Under these conditions the shelf life should be a minimum of three years from the date of certification.

HELOXY Modifier HD  
<https://www.hexion.com/en-US/product/heloxymodifier-hd>

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