

Technical Data Sheet

EPIKURE™ Curing Agent 3100-ET-60

Product Description

EPIKURE™ Curing Agent 3100 is a high molecular weight, reactive polyamide, semi-solid epoxy curing agent and blending resin based on dimerized fatty acid and polyamines. For ease in formulating and handling, EPIKURE 3100 is available in solvent such as Isopropyl alcohol / Toluene . Other solutions are available upon request.

Application Areas/Suggested Uses

- Excellent water and corrosion resistance
- Excellent adhesion
- Excellent pigment and substrate wetting
- Good chemical resistance
- Long mixed pot life

Benefits

- Maintenance and marine coatings
- Flexibilizer for thermoplastic polyamides
- Overprint varnishes
- Masonry and pool coatings
- Adhesives, caulks and grouts

Sales Specifications

Property	Value	Unit	Test Method
Amine Value as KOH	51 - 57	mg/g	ASTMD2896
Color	9 max.	Gardner	ASTMD1544
Solids	59 - 61	% m/m	ASTMD1259
Viscosity at 25°C	W - Y	Gardner	ASTMD1545

Typical Properties

Property	Value	Unit	Test Method
Appearance	Clear		
Density @ 25°C	7.6	lbs/gal	
Equivalent Weight	0		
Flash Point	7	°C	Closed Cup
Mx Ratio EEW 190	0		
Mx Ratio EEW 525	100	PHR	
Viscosity @ 25°C	14	P	ASTMD2196

¹ E = Isopropyl alcohol, T = Toluene

Safety, Storage & Handling

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

Please refer to the Hexion web site for Shelf Life and recommended Storage information.

EPIKURE Curing Agent 3100 and its solutions should be kept in tightly closed containers in a cool, dry place. Products will absorb moisture and carbon dioxide which may affect viscosity or create foaming when reacted with epoxy resins. These products will have a minimum shelf life of one year if properly stored in unopened containers.

Exposure to these materials should be minimized and avoided, if feasible, through the observance of proper precautions, use of appropriate engineering controls and proper personal protective clothing and equipment, and adherence to proper handling procedures. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheet (MSDS) for these and all other products being used are understood by all persons who will work with them. Questions and requests for information on Hexion Inc. ("Hexion") products should be directed to your Hexion sales representative, or the nearest Hexion sales office. Information and MSDSs on non-Hexion products should be obtained from the respective manufacturer.

Packaging

Available in bulk and drum quantities.

Contact Information

For product prices, availability, or order placement, please contact customer service:

www.hexion.com/Contacts/

For literature and technical assistance, visit our website at www.hexion.com