

Technical Data Sheet

Issued: October, 2009

EPIKURE™ Curing Agent 3272

Product Description

EPIKURE Curing Agent 3272 is a high reactivity, modified aliphatic amine epoxy curing agent. It provides fast room temperature cure, blush resistance, and good overall performance at an economical system cost.

Application Areas/Suggested Uses

- Polymer Flooring
- Polymer Modified Concrete
- Patching Compounds and Pastes
- Adhesives
- Mastic coatings
- Tooling gel coats

Benefits

- ~2 to 1 mix ratio by volume with EPON™ Resin 828
- Moderately low color
- Rapid reaction rate (faster gel times than EPIKURE 3282)
- Improved compatibility with epoxy resins (does not require induction)
- Good blush resistance

Sales Specification

Property	Units	Value	Test Method/Standard
Amine value	Mg KOH/g	360 - 460	ASTM D2896
Viscosity @ 25°C	cP	6,000 – 14,000	ASTM D2196
Color	Gardner	5 max	ASTM D1544

Typical Properties

Property	Units	Value	Test Method/Standard
Solids content	%wt	100	
Density @ 25 °C	lbs/gal	8.4	calculated
Amine Hydrogen Eq. weight	approx	77	calculated
Use level w/ EEW 190 epoxy	PHR	41	calculated
100 g Gel Time	Min.	12	w/ EEW 190 epoxy

General Information

Mixtures of EPON™ Resin 828 and EPIKURE Curing Agent 3272 cure readily at room temperature. The pot life of such mixtures depends on the volume, the application temperature, the amount and type of filler loading; as well as, to a lesser extent, the type and amount of reactive diluent. EPIKURE 3272 can be blended with other amine curing agents (amidoamines, polyamides, etc) to increase the reactivity of the epoxy/amine system.

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.

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 Specialty Chemicals, 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, call our toll-free customer service number at: 1-866-443-9466

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

® and ™ Licensed trademarks of Hexion Specialty Chemicals, Inc.

DISCLAIMER

The information provided herein was believed by Hexion Specialty Chemicals (“Hexion”) to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. All products supplied by Hexion are subject to Hexion’s terms and conditions of sale. **HEXION MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY HEXION**, except that the product shall conform to Hexion’s specifications. Nothing contained herein constitutes an offer for the sale of any product.

PDS-8118- (Rev.9/30/2010 12:39:18 PM)