

Technical Data Sheet

EPIKURE™ Curing Agent 3382

Product Description

EPIKURE™ Curing Agent 3382 is a low viscosity modified cycloaliphatic amine adduct designed for use as a room temperature curing agent for epoxy resins.

Application Areas/Suggested Uses

- Industrial floor toppings and grouting
- High-build glaze, sealer or gel coat
- Light color castings
- General purpose casting and encapsulation

Benefits

- Excellent resistance to blush or "sweat-out"
- Moderate to high reactivity at room temperature
- Excellent color
- Good chemical resistance

Sales Specifications

Property	Value	Unit	Test Method
Amine Value	239 - 250	mg/g	ASTM D2896
Color	5	Gardner	ASTM D1544
Viscosity @ 25°C	1000 - 1500	cP	ASTM D2196

Typical Properties

Property	Value	Unit	Test Method
Density @ 25°C	8.44	lbs/gal	ASTM D1475
Equivalent Weight Approx.	118		
Flash Point Setflash	>200	°F	

EPIKURE Curing Agent 3382
<https://www.hexion.com/en-US/product/epikure-curing-agent-3382>

Generated: May 22, 2019
 Issue Date:
 Revision: 8/1/2007 12:00:00 AM

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General Information

EPIKURE Curing Agent 3382 is an effective converter for most epoxy resin types. It is compatible with both reactive diluent modified resins and conventional bisphenol A resins. Table 1 lists the cured state and handling properties for typical systems cured with EPIKURE 3382. Table 1 illustrates the broad range of cured state properties attainable using EPIKURE 3382. The effects of the lower epoxide functionality of the diluent containing EPON™ Resin 813 and EPON Resin 8132 are reflected by significant increases in flexibility and decreases in strength, modulus and solvent resistance. The resistance of EPON 828/EPIKURE 3382 system to long term exposure to a variety of chemicals at room temperature is illustrated in Table 2.

EPIKURE 3382, used as the curative in epoxy resin systems, has the ability to cure at high humidity conditions with minimal adverse effects of surface blush or amine carbonation ("sweat-out").

EPIKURE Curing Agent 3382 is compatible and can be used in combination with most aliphatic and cycloaliphatic amine curing agents to modify handling characteristics or cured state performance.

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, 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

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