

# Technical Data Sheet

## EPIKOTE™ Resin 5392-XI-80

### Product Description

EPIKOTE™ Resin 5392-XI-80 is a fast curable, multifunctional epoxy resin based on bisphenol-A, 80wt% solid solution in xylene and isobutanol(70/30). EPIKOTE 5392-XI-80 was specifically developed to use for LTC (Low Temperature Cure) and high solid application. EPIKOTE 5392 shows an excellent curing performance even at freezing point. In addition, it provides excellent chemical resistance and higher thermal performance comparing to conventional epoxy resin.

### Application Areas/Suggested Uses

- Marine and protective coating for low temperature cure
- High solid marine paints
- Anti-corrosive coating

### Benefits

- Low temperature curing
- Complete compatibility with a wide range of hardeners
- Chemical resistance
- Sea water resistance
- Excellent inter-coat adhesion with EPIKURE 3292-FX-60
- High mechanical strength

### Sales Specifications

Property	Value	Unit	Test Method
Color	3 max	Gardner	ASTMD1544
Epoxide Equivalent Weight	245 - 270	g/eq	ASTMD1652
Solids Content	79 - 81	% wt.	ASTMD1259
Viscosity at 25°C	2000 - 4000	cP	ASTMD445

### Typical Properties

Property	Value	Unit	Test Method
Appearance	Yellow clear solution		By naked eye
Flash Point, Setflash	25 as solvents	°C	ASTMD3278
Specific gravity at 25°C	1.104	g/cm <sup>3</sup>	ASTMD1475

### General Information

EPIKOTE Resin 5392-XI-80 can be used with a variety of curing agents, including aliphatic amines, amine adducts, Mannich, polyamidoamines and polyamide. For the specific application for Low Temperature Curing, EPIKOTE 5392 epoxy resin shows best performance when it cure with EPIKURE Curing Agent 3292-FX-60. This resin is used in formulating industrial maintenance coatings including clears, primers and tie coat.

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<https://www.hexion.com/en-US/product/epikote-resin-5392-xi-80>

Generated: July 24, 2021

Issue Date:

Revision:

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

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## Packaging

Available in bulk and drum quantities.

## Contact Information

For product prices, availability, or order placement, call our toll-free customer service number at:

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For literature and technical assistance, visit our website at [www.Hexion.com](http://www.Hexion.com)

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