

Technical Data Sheet

EPIKURE™ Curing Agent 8290-Y-60

Product Description

EPIKURE 8290-Y-60 Curing Agent is a water-reducible amine adduct supplied at 60 percent nonvolatiles in 2-propoxyethanol. This curing agent was designed specifically for conversion of EPI-REZ™ 5522-WY-60 Resin in formulation of two-component, chemically resistant water reducible epoxy coatings. Coatings based on this resin system exhibit excellent chemical and corrosion resistance, as well as long-term water and humidity resistance over a variety of substrates. For optimum performance, it is suggested that combining ratios other than stoichiometric be investigated. Consult the EPI-REZ 5522-WY-60 product bulletin for specific performance trends.

Sales Specifications

Property	Value	Unit	Test Method
Amine Value	360 - 420	mg/g	ASTMD2896
Color	9	Gardner	ASTMD1544
Solids	59 - 61	% m/m	ASTMD1259
Viscosity at 25°C	Z3-Z5	cP	ASTMD1545

Typical Properties

Property	Value	Unit	Test Method
Density	0		ASTMD1475
Equivalent Weight Approx.	163		ASTMD1259
Flash Point Setflash	130	°F	
Solids Calculated	9.87	lbs/gal	
Solution	8.83	lbs/gal	
Solvent	2-Propoxyethanol		

General Information

The pot life of most coatings using EPI-REZ 5522-WY-60 cured with EPIKURE 8290-Y-60 Curing Agent ranges from 2 to 6 hours, depending on the system stoichiometry. This time can be extended through the incorporation of glacial acetic acid, at the sacrifice of some performance. These additions will result in slower room temperature cure response and some decrease in chemical resistance. The degree of decrease will be relative to the amount added, thus care is advised. For more information on the various aspects of formulating with EPIKURE 8290-Y-60 Curing Agent, refer to the EPI-REZ 5522-WY-60 Product Bulletin (SC:1559).

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

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<https://www.hexion.com/en-US/product/epikure-curing-agent-8290-y-60>

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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