

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	ASTM D2896
Color	9	Gardner	ASTM D1544
Solids	59 - 61	% m/m	ASTM D1259
Viscosity at 25°C	Z3-Z5	cP	ASTM D1545

Typical Properties

Property	Value	Unit	Test Method
Density	0		ASTM D1475
Equivalent Weight Approx.	163		ASTM D1259
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

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<http://hexioninternet.azurewebsites.net/en-US/product/epikure-curing-agent-8290-y-60>

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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 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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