

Technical Data Sheet

EPIKURE™ Curing Agent 3213

Product Description

EPIKURE™ Curing Agent 3213 is a solution of an aliphatic amine adduct in a mixture of xylene, propylene glycol monomethyl ether and methyl isobutyl ketone, and is designed for two-component epoxy coatings. Performance features include good chemical, solvent and corrosion resistance, film hardness and toughness. A reduced tendency towards amine carbonate formation is evident relative to unmodified aliphatic amines. EPIKURE Curing Agent 3213 is primarily intended for use with solvent solutions of EPON™ Resin 1001. For specific applications, EPON Resin 1004 solutions may be used. A high equivalent weight allows for formulation of two component systems having convenient combining ratios.

Application Areas/Suggested Uses

- Industrial maintenance primers
- Concrete floor sealers
- Tank coatings
- Marine primers

Sales Specifications

[TableHere]

Typical Properties

[TableHere]

Performance Properties

Table 1 / Typical performance properties of EPIKURE Curing Agent 3213

	Method	Units	A
EPON™ Resin 1001-CX-75		pbw	133.3
EPIKURE Curing Agent 3213		pbw	50

Handling Properties @ 25°C

Gel Time, 100 gram mass		minutes	14
Dry Flim Time		hours	9

Cured State Properties

EPIKURE Curing Agent 3213
<https://hexioninternet-hexioninternet-slave.azurewebsites.net/en-US/product/epikure-curing-agent-3213>

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	Method	Units	A
Gloss, 1 Day/RT			
20°		%	116
60°		%	96
Pencil Hardness			
1 day/RT			B
7 days/RT			F
1 day/8°C			<6B
7 day/8°C			3B
7 days/RT + 24 hrs/H ₂ O			3B
7 days/8°C + 24 hrs/H ₂ O			<6B
Impact, forward/reverse, 7 days/RT		in.·lbs	>160
Impact, forward/reverse, 7 days/°C		in.·lbs	>160
Dry Film Thickness		mils	2.5
Pencil Hardness			H
Gloss, 85°		%	95
MEK Double Rubs			50

General Information

Possesses good compatibility and performance with solvent solution epoxy resins such as EPON Resin 1001-CX-78. Application may be by brush, roller, squeegee or spray. Best performance is achieved by allowing an induction time of one hour prior to application. Induction is recommended in order to produce cured glossy surfaces under adverse conditions of high humidity and/or reduced temperature.

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

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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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