

Technical Data Sheet

EPIKURE™ Curing Agent 3192

Product Description

EPIKURE™ Curing Agent 3192 is a modified polyamidoamine supplied at 100 percent solids. It is designed for use with liquid epoxy resins in formulating high solids, high-build coatings. Such coatings are used in high solids, tile-like wall applications, corrosion resistant primers and topcoats for high performance maintenance coatings.

Application Areas/Suggested Uses

- High performance maintenance coatings
- Masonry coatings
- Splash zone protective coatings

Benefits

- High solids formulations, 70 to 90 percent
- No "sweat-out" of curing agent with proper induction time
- Films exhibit excellent chemical, water and corrosion resistance

Sales Specifications

Property	Value	Unit	Test Method
Amine Value	324 - 357	mg/g	ASTMD2896
Color	8	Gardner	ASTMD1544
Viscosity at 25°C	4000 - 9000	cP	ASTMD2196

Typical Properties

Property	Value	Unit	Test Method
Density	7.87	lbs/gal	ASTMD1475
Equivalent Weight	133		
Non-volatile materials	100.0	% by Weight	

General Information

Coatings formulated with EPIKURE Curing Agent 3192 at solids levels greater than 85 percent have a usable pot life of 1.5 to 2 hours. Such coatings, known as tile-like coatings, are generally applied to interior concrete block. Their high solids content bridges and fills the voids in the block, helping to promote a ceramic tile appearance.

Primers and enamels intended primarily for the protection of metallic substrates are formulated at volume solids levels of 65 percent to 75 percent. The additional organic solvent reduces the system to normal application viscosity and lengthens the pot life to 4 to 6 hours. An induction time of 30 to 60 minutes is required.

A properly formulated EPIKURE Curing Agent 3192 finishing system consisting of a corrosion resistant primer and two coats of enamel can be easily applied to yield a thickness of 15 to 20 mils film-forming solids. Such coatings systems exhibit outstanding humidity and salt spray resistance properties. Applied over sand-blasted steel panels at a dry film thickness of 15 mils, they easily withstand high humidity and salt fog

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<https://www.hexion.com/en-US/product/epikure-curing-agent-3192>

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environments for more than 1500 hours. The ability to withstand repeated splash and spillage of and immersion in water, dilute bases and organic/inorganic acids is typical of epoxy-amine coatings.

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