

Technical Data Sheet

EPIKURE™ LY™ Curing Agent 3801

Product Description

EPIKURE LY™ Curing Agent 3801 is a solvent-free, modified cycloaliphatic amine curing agent designed for lower yellowing, faster cure coatings for concrete protection. It is recommended to be used with EPON LY™ Resin 1810. This combination of epoxy resin and curing agent are designated as the INFINIUM™ Lower Yellowing Epoxy System.

Application Areas/Suggested Uses

- Industrial Floor Coatings
- Higher Gloss Floor Coatings
- Bar and Countertop Coatings

Benefits

- Improved worker safety (Non-isocyanate cure system)
- Improved color retention
- Superior aesthetics

Features

- Lower color
- Lower yellowing
- Faster return to service

Sales Specifications

Property	Value	Unit	Test Method
Amine Value	650 - 690	mg KOH	ASTMD2896
Viscosity at 25°C, Brookfield, spindle #21 at 100 RPM	< 40	cP	ASTMD2196
Color	< 100	Pt-Co	ASTMD1209

Typical Properties

Property	Value	Unit	Test Method
Density at 25°C, as supplied	7.83	lb/gal	ASTMD1475
Amine Hydrogen Equivalent Weight	43.2	g/eq	Calculated

Handling Properties

	Method	Units	Value
EPON LY™ Resin 1810		pbw	100
EPIKURE LY™ Curing Agent 3801		pbw	22
Viscosity at 25°C	ASTM D2196	cP	~1500
Gel Time, 100g mass	Shyodu	minutes	60

Performance Properties

	Method	Units	A	B
EPON LY™ Resin 1810		pbw	100	---
EPONEX™ Resin 1510		pbw	---	100
EPIKURE LY™ Curing Agent 3801		pbw	22	22
Shore D (24hr)	ASTM D2240		80	70
Dry Times (4 mil DFT)	ASTM D5895B	hr	Touch Dry – 2 Cotton-Free – 5.5 Dry-Through – 9.5	Touch Dry – 6 Cotton-Free – 12 Dry-Through - >24

Safety, Storage & Handling

Please refer to the SDS for the most current Safety and Handling information.

Please refer to the Hexion Inc 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 Safety Data Sheet (SDS) 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 Inc") products should be directed to your Hexion sales representative, or the nearest Hexion sales office. Information and SDSs 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, visit the "Contact Us" section of our website. For literature and technical assistance, visit our website at: www.Hexion.com/epoxy