

Technical Data Sheet

EPIKURE™ Curing Agent 541

Product Description

EPIKURE™ Curing Agent 541 is a light color and low viscosity modified cycloaliphatic amine curing agent. This curing agent contains no Nonylphenol.

Application Areas/Suggested Uses

EPIKURE™ Curing Agent 541 is used in formulations of ambient temperature curing compositions such as solvent free coatings, industrial floorings, mortars, primers and adhesives in combination with liquid epoxy resins. When properly formulated the resultant surfaces are tack free and show a very good resistance against water and humidity.

The pot life can be extended by mixing it with EPIKURE™ Curing Agent 530.

The curing temperature should not fall below +10°C.

Benefits

- Low viscosity
- Good water spot resistance
- Superior surface appearance and blush resistance
- Good mechanical performance

Sales Specifications

Property	Value	Unit	Test Method	Standard
Color	2 max	Gardner		ISO 4630
Refractive Index at 25°C	1.54 - 1.544		DIN 51423 -2	
Viscosity at 25°C	225 - 325	mPa·s	DIN 53015	

Typical Properties

Property	Value	Unit	Test Method	Standard
Delivery Form	Liquid			
Density at 20°C	1.03 - 1.07	kg/L		ISO 2811
H-Active Equivalent	93	g/equivalent	Calculated	
Recommended Proportion with EPIKOTE Resin 828 LEVEL	50	phr*	Calculated	
Time to T _{max} T _{max} with Epikote™ RESIN 828 LEVEL, Starting point 100g Mixture at 23°C	App. 25	min	DIN 16945	

* parts of hardener combined with 100 g resin.

Safety, Storage & Handling

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

EPIKURE Curing Agent 541
<https://www.hexion.com/en-US/product/epikure-curing-agent-541>

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EPIKURE™ Curing Agent 541 should be stored at room temperature in conditions such that moisture is excluded, in the original containers kept tightly closed.

Under these conditions the shelf life should be a minimum of two years from date of certification.

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