

Technical Data Sheet

EPIKURE™ Curing Agent 580

Product Description

EPIKURE™ Curing Agent 580 is a light color and low viscosity modified cycloaliphatic amine curing agent with no Benzyl Alcohol.

Application Areas/Suggested Uses

EPIKURE Curing Agent 580 is used in formulations of ambient temperature curing compositions such as industrial floorings, mortars and adhesives in combination with liquid epoxy resins. When properly formulated the resultant surfaces are tack free and show a low yellowing.

EPIKURE Curing Agent 580 does not contain Benzyl Alcohol or other solvents with a boiling point below 250°C.

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

Benefits

- Low viscosity
- Good surface appearance
- No solvents with a boiling point below 250°C

Sales Specifications

Property	Value	Unit	Test Method
Viscosity @25°C	275 - 425	mPa.s	DIN 53015
Color	1 max.	Gardner	ISO 6271
Refractive Index @25°C	1.504 - 1.508		DIN 51423

Typical Properties

Property	Value	Unit	Test Method
Density @20°C	1.00 - 1.04	kg/L	ISO 2811
H-Active Equivalent	85	g/equivalent	Calculated
Recommended Proportion with EPIKOTE Resin 828 LEVEL	46	phr*	Calculated
Time to T _{max} T _{max} with Epikote™ RESIN 828 LEVEL, Starting point 100g Mixture at 23°C	App. 40	min	DIN 16945
Delivery Form	liquid		

*parts of hardner combined with 100g resin

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

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<https://www.hexion.com/en-US/product/epikure-curing-agent-580>

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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.

EPIKURE™ Curing Agent 580 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.

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