

Thermoset Hardener No. 66

Description

LORD Thermoset Hardener No. 66 is a general purpose curing agent designed for use with several Thermoset epoxy resins to obtain a variety of handling and cured properties. Thermoset Hardener No. 66 is suitable for a variety of applications including structural adhesives, casting, coatings and laminates.

Features and Benefits

Convenient – provides a shelf life of over one year; cures at room temperature or with mild elevated temperature.

FDA Compliant – ingredients contained in Thermoset Hardener No. 66 are permitted for food contact under FDA food additive regulations (21CFR175.300) when material is properly proportioned, mixed, applied and cured.

Flexible Bond Strength – provides high bond strength for use as an adhesive to a variety of surfaces. Rigidity of bond may be varied depending on mix ratio. A 1:2 (resin to hardener, by weight) ratio will yield a relatively flexible bond; a 2:1 ratio will provide a rigid bond.

Low Stress – exhibits low shrinkage and stress on components as it cures.

Application

Mixing – Refer to applicable Thermoset epoxy resin data sheet for specific mixing instructions and mix ratios.

Applying – Refer to applicable Thermoset epoxy resin data sheet for specific application instructions.

Curing – Refer to applicable Thermoset epoxy resin data sheet for specific curing instructions. Cure rate is dependent on the mass and shape of the catalyzed resin, along with the ambient temperature and the presence of fillers.

Shelf Life/Storage

Shelf life is two years from date of manufacture when stored in a well ventilated area at 25°C in original, unopened container.

Cautionary Information

Before using this or any LORD product, refer to the Material Safety Data Sheet (MSDS) and label for safe use and handling instructions.

For industrial/commercial use only. Must be applied by trained personnel only. Not to be used in household applications. Not for consumer use.

Typical Properties*

| | |
|--|--------------|
| Appearance | Amber Liquid |
| Viscosity, cps @ 25°C Spindle 5, 20 rpm | 10,000 |
| Specific Gravity | 1 |

*Data is typical and not to be used for specification purposes.

Values stated in this technical data sheet represent typical values as not all tests are run on each lot of material produced. For formalized product specifications for specific product end uses, contact the Customer Support Center.

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LORD Corporation
World Headquarters

111 Lord Drive
Cary, NC 27511-7923
USA

Customer Support Center (in United States & Canada)

+1 877 ASK LORD (275 5673)

www.lord.com

For a listing of our worldwide locations, visit LORD.com.