

Thermoset™ Hardener No. 37

Description

LORD Thermoset™ Hardener No. 37 is a curing agent designed for use with several Thermoset epoxy resins to obtain a variety of handling and cured properties. Thermoset Hardener No. 37 may also be used in laminating, casting and maintenance applications where the comparatively high viscosity of the hardener can be tolerated.

Features and Benefits

Room Temperature Cure – suitable for curing epoxy resins at room temperature.

Flexible Bond Strength – provides improved flexibility and impact strength for use in room temperature curing adhesive applications. 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 3:2 ratio will provide a rigid bond.

FDA Compliant – ingredients contained in Thermoset Hardener No. 37 are permitted for food contact under FDA food additive regulations (21CFR175.300) when material is properly proportioned, mixed, applied and cured.

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 Safety Data Sheet (SDS) 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	40,000
Specific Gravity	0.97

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

LORD TECHNICAL DATA

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.

Information provided herein is based upon tests believed to be reliable. In as much as LORD Corporation has no control over the manner in which others may use this information, it does not guarantee the results to be obtained. In addition, LORD Corporation does not guarantee the performance of the product or the results obtained from the use of the product or this information where the product has been repackaged by any third party, including but not limited to any product end-user. Nor does the company make any express or implied warranty of merchantability or fitness for a particular purpose concerning the effects or results of such use.

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