



Accelerator 5

Accelerator for Acrylic Adhesive

Description

Lord® Accelerator 5 is a mix-in curative used with acrylic adhesive resins. Lord Accelerator 5 is not a stand alone adhesive; it must be used with acrylic adhesive resins.

Features and Benefits

Convenient Cure Properties - cures at room temperature and can be used with all Lord acrylic adhesive resins.

Easy to Use - functions as a mix-in accelerator with Lord acrylic resins at a 20:1 mix ratio.

Contains No Solvent - provides 100% solids content, nonflammable, and virtually odorless.

Environmental Resistance - accompanies Lord acrylic adhesive resins to provide a bond which resists common environmental conditions.

Typical Properties* of Lord Accelerator 5 Curative

Appearance	Off-White liquid
Viscosity, cP Brookfield Model LVT Spindle #3 @ 12 rpm @ 25°C (77°F)	1,500 - 7,000
Density kg/m ³ lb/gal	9.3 - 9.9 1.12 - 1.19
Total Reactive Solids Content by weight	100%
Flash Point	>93°C (>200°F)
Shelf Life	Six months from date of shipment, 4°C - 27°C (40°F - 80°F), unopened container.

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

Surface Preparation

See the product bulletin instructions for the adhesive being used with this accelerator.

Mixing

Mix-In

Confirm the proper mix ratio by consulting the technical bulletin for the Lord adhesive resin. Thoroughly mix the resin and accelerator components until uniform in color and consistency. Be careful not to whip excessive air into the adhesive.

Heat build-up due to an exothermic reaction between the two components will shorten the pot life of the adhesive. Mixing smaller quantities will minimize heat build-up. Do not use any adhesive that has begun to cure.

Automated

Use meter/mix/dispense equipment when required.

Clean Up

Uncured - Clean up excess adhesive on the bond assembly, as well as the mixing and application equipment before the adhesive sets up. Use hot water and detergent or an organic solvent; ketones have been shown to work best.

Cured - Heat to 204°C (400°F) or higher to soften the adhesive. This will allow the parts to be separated and the adhesive to be more easily removed.

Packaging

- 1 Gallon Container (3.8 Liter)
- 5 Gallon Pail (19 Liter)

Values stated in this bulletin 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 Service Department.

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Storage

For maximum shelf life, ship and store Lord Accelerator 5 curative in the original container between 4°C - 27°C (40°F - 80°F). Optimum storage temperatures are between 4°C - 10°C (40°F - 50°F).

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.

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