

LORD® Accelerator 6 and 6GB

Description

LORD® Accelerator 6 and 6GB are mix-in curatives designed for use with LORD acrylic adhesives. LORD Accelerator 6 and 6GB, when mixed with LORD 600 series acrylic adhesives, create adhesive systems that will bond a variety of prepared or unprepared metals and plastics.

LORD Accelerator 6GB allows precise control of adhesive bondline thickness due to its content of glass beads, 0.01" (0.025 cm) diameter.

Features and Benefits

Convenient – provides room temperature cure with all LORD 600 series acrylic adhesives.

Environmentally Recommended – contains no solvent, non-flammable and virtually odorless.

Environmentally Resistant – resists common environmental conditions when used with LORD acrylic adhesives.

Application

Mixing – Confirm the proper mix ratio of acrylic adhesive to accelerator by consulting the appropriate LORD acrylic adhesive data sheet. Thoroughly mix the proper amount of adhesive and accelerator until uniform in color and consistency. Be careful not to whip excessive air into the adhesive system.

Heat buildup due to an exothermic reaction between the two components will shorten the working time of the adhesive. Mixing smaller quantities will minimize heat buildup.

Applying – Apply adhesive to substrate surfaces using handheld cartridges or automatic meter/mix/dispense equipment. Mate the parts within the working time of the adhesive. Clamp in position until handling strength is achieved.

Curing – Cure begins immediately once accelerator and acrylic adhesive are mixed. Handling strength and complete cure times will vary depending on acrylic adhesive used. For cure times, refer to appropriate acrylic adhesive data sheet.

Typical Properties*

	Accelerator 6	Accelerator 6GB
Appearance	Grey Paste	Grey to Black Paste
Viscosity**, cP @ 77°F (25°C) HAT T-C, 5 rpm	50,000 - 350,000	50,000 - 350,000
Density		
lb/gal	12.0 - 12.9	12.0 - 13.0
(kg/m ³)	(1438 - 1546)	(1438 - 1558)
Solids Content by Weight, %	96.34	95.52
Flash Point (Seta), °F(°C)	>200 (>93)	>200 (>93)

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

**Viscosity is shear sensitive. Certified value obtained from agitated sample.

LORD TECHNICAL DATA

Cleanup – Clean equipment and tools prior to the adhesive cure with hot water and detergent or an organic solvent such as methyl ethyl ketone (MEK).

Shelf Life/Storage

Shelf life is six months when stored at 40-50°F (4-10°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.

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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