

LORD® Accelerator 20GB

Description

LORD® Accelerator 20GB is a mix-in curative designed for use with LORD acrylic adhesives. LORD Accelerator 20GB, when mixed with LORD 800 series acrylic adhesives, creates an adhesive system that will bond a variety of prepared or unprepared metals and plastics.

Features and Benefits

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

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

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

Bondline Control – allows precise control of adhesive bondline thickness due to content of glass beads, 10 mil (250 µm) diameter.

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 – 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*

Appearance	Off-white Paste
Viscosity, cP @ 77°F (25°C) Brookfield	200,000 - 400,000
Density	
lb/gal	13.7 - 14.2
(kg/m ³)	(1640 - 1700)
Solids Content by Weight, %	98.5
Flash Point (Seta), °F (°C)	>200 (>93)

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

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). Once adhesive is cured, heat the adhesive to 400°F (204°C) or above to soften the adhesive. This allows the parts to be separated and the adhesive to be more easily removed.

Shelf Life/Storage

Shelf life is nine 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.

Distributed by:
Rudolph Bros. & Co.
6550 Oley Speaks Way
Canal Winchester, OH 43110
Phone: 614-833-0707
Fax: 800-600-9508
e-mail: rbcsupport@rudbro.com
www.rudbro.com

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.

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