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Product Description Sheet

Hysol® Product 9340

Industrial Products, August 2001

Description

Loctite® Hysol® 9340 is a general purpose adhesive with exceptional high temperature performance. This easy to use epoxy is can be used in many demanding applications where resistance to chemicals and heat extremes are required. Hysol 9340 can be used on many different substrates such as wood, metal, ceramics, and most plastics. This exceptional epoxy can be sanded and drilled and painted after curing making it ideal for finish work.

Features

Excellent Heat Resistance
Good Tensile Sheer Strength
Resistant to Automotive Fluids
Sandable
Easy to Mix

Application: Bonding surfaces should be clean and dry. The bonded parts should be held in contact until the adhesive is set. It not necessary to maintain fixturing for the entire cure schedule but only until handling strength is achieved.

Cure: Hysol 9340 can be cured by a variety of cure schedules to meet processing requirements. Hysol 9340 will achieve handling strength in 6-8 hours at room temperature (note: this can vary with different bond configurations and ambient temperatures). Full cure time at 77°F is 24 hours. Heat cures can be used to shorten this time. For instance, one hour at 180 °F or 2 hours at 140 °F is sufficient to fully cure the adhesive.

Clean up: It is important to remove excess adhesive from the work area and application equipment before it hardens. Many common solvents and citrus cleaners are suitable for removing uncured adhesive. Consult with your solvent supplier for information pertaining to the safe and proper use of solvents.

Packaging

2.7 oz. Tube Kits
Quart, One Gallon Systems

Storage

Store product in unopened container in a cool dry location. Ideal conditions are within the range 8 to 21 degrees C (46 to 70 degrees F) and are recommended for long term storage. Exposure to higher temperatures (greater than 28 degrees C) for prolonged periods should be avoided as extended exposure to warm conditions can adversely affect product properties. For further specific shelf life information, contact your local Technical Service Center.

Note

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Loctite Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Loctite Corporation's products. Loctite Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Loctite Corporation patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

Typical Uncured Properties	Part A	Part B	Mixed
Pot Life @ 77°F, 100 grams mins	--	--	90
Color	Green	Grey	Grey
Viscosity, cP	Paste	Paste	Paste
Specific Gravity	--	--	--
Mix Ratio			
By weight	1	1	--
By volume	1	1	--

Typical Properties	Typical Value
Hardness, Shore D	>80

Shear Strength, psi, ASTM D 1002 Etched Aluminum		
Cure Schedule	Test Temp °F	Typical Value
3 Days @ 77°F	-40	2100
	77	2300
	180	1850

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

Handling

Mixing: Hysol 9340 requires mixing Part A and Part B together just prior to the application. Complete mixing of the two components is necessary.

Application

Mixing: Combine Part A (resin) and Part B (hardener) in the correct ratio and mix thoroughly. Continue to mix until all green and gray streaks are gone and mix is uniformly gray. This is important! Heat build-up during or after mixing is normal. Do not mix quantities greater than one pound as excessive exotherm or heat build-up will develop. Mixing smaller quantities will minimize the heat build-up.

NOT FOR PRODUCT SPECIFICATIONS
THE TECHNICAL DATA CONTAINED HEREIN ARE INTENDED AS REFERENCE ONLY.
PLEASE CONTACT LOCTITE CORPORATION QUALITY DEPARTMENT FOR ASSISTANCE AND RECOMMENDATIONS ON SPECIFICATIONS FOR THIS PRODUCT.
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