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Product Description Sheet

Hysol® Product 8002

Industrial Products, August 2001

Description

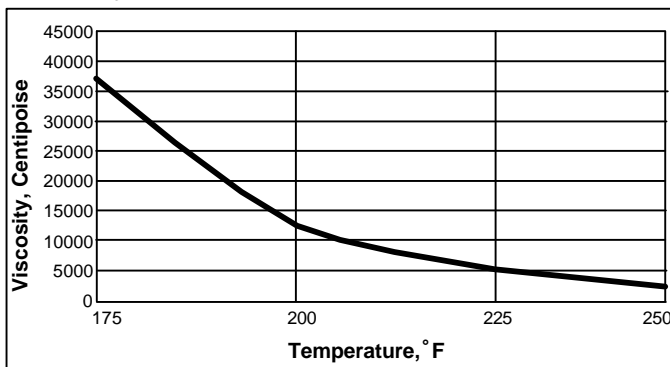
Loctite® Hysol® 8002 Reactive Polyurethane Hot Melt is a tough, flexible high performance adhesive with excellent green strength and low viscosity that cross-links to form a thermoset polymer. Hysol 8002 is formulated for applications requiring both high and low temperature performance as well as excellent chemical resistance. The high strength thermoset bonds form in as little as 1 to 2 hours depending on the temperature and humidity of the substrate.

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.

Typical Properties	Typical Value
Viscosity @ 250°F, cP, ASTM D 3236	2400
Open Time, minutes	>10
Tensile Strength, psi, ASTM D 638	3500
Elongation, %, ASTM D 638	500

Viscosity Curve



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.

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).

Precautions

Once melted, like any hot liquid, this adhesive can produce severe burns. Care should be taken to avoid getting hot adhesive on the skin. If skin contact occurs, flush the affected area with large amounts of cold water.

Application

Please read the operating instructions for the bulk equipment being used. Clean-up and handling operations are found in the equipment manufactures manual.

Caution: This material contains isocyanate and should be handled with caution. Please refer to the Material Safety Data Sheet before receiving, handling, processing and disposing of material.

Important! Do not exceed 250°F operating temperature when using this product.

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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