Product Description Sheet

LOCTITE® EA 9462

Known as
Hysol® Product 9462
August 2015

Description

LOCTITE® EA 9462 is a toughened, two component epoxy adhesive formulated for a good balance of shear and peel properties in an easy to use, smooth paste. Its medium viscosity, 1:1 ratio and non-sag features make it easy to apply.
Recommend Substrates: metals, plastics and wood.

Features

Excellent Strength
Impact Resistant
Non-Sag
Room Temperature or Heat Cure
1:1 Mix Ratio
Neutral Color

Typical Uncured Properties	Part A	Part B	Mixed
Pot Life @ 77°F, 100 grams mins	--	--	55
Color	White	Dark Amber	Beige
Viscosity, cP	70,000 to 95,000	40,000 to 65,000	60,000 80,000
Specific Gravity	1.25	1.10	1.17
Mix Ratio			
By weight	100	85	--
By volume	1	1	--

Shear Strength, psi, ASTM D 1002 Cure Schedule 3 Days @ 77ºF		
	Test Temp ºF	Typical Value
Etched Aluminum	77	3500
	180	600
	250	150
CR Steel, MEK wiped	77	3500
PVC	77	225
Acrylic, ABS, SMC	77	400

Peel Test

Floating roller peel strength on etched aluminum tested per ASTM D3167

Cure Schedule	Test Temp ºF	Typical Value pli
3 Days @ 77ºF	77	22

T-peel strength on etched aluminum tested per ASTM D1876.

Cure Schedule	Test Temp ºF	Typical Value pli
3 Days @ 77ºF	77	10

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: This product requires mixing two components together just prior to the application. Complete mixing is necessary. The temperature of the separate components prior to mixing is not critical, but they should be at room temperature.

Application

Mixing – Bulk: Combine Part A (resin) and Part B (hardener) in the correct ratio and mix thoroughly until the color and consistency are uniform. Ratios given above can be used for measuring larger amounts. Mixing the adhesive just prior to use is recommended. Heat build-up during or after mixing is normal. Do not mix quantities greater than two pounds as dangerous heat build-up can occur causing uncontrolled decomposition of the mixed adhesive. Mixing smaller quantities will minimize the heat build-up.

Mixing – Cartridges: Place cartridge in proper dispenser. To begin using a new cartridge, remove cartridge cap and dispense a small amount of adhesive, making sure Part A and Part B are extruding. Attach nozzle and dispense approximately 1-2" before applying onto the part being bonded. Partially used cartridges can be stored with mixing nozzle attached. To reuse, remove and discard the old nozzle, attach new nozzle and begin dispensing.

Application: Bonding surfaces should be clean and dry. Once the adhesive is applied, the boned parts should beheld in contact until the part has developed handling strength. This will occur in 4-8 hours at 77 ºF after which the pressure used during cure may be removed. Since full bond has not yet been attained, load application should be small at this time. It is not necessary to clamp the parts unless movement during curing is likely.

Cure: LOCTITE® EA 9462 may be cured for 3-5 days at 77 ºF to achieve normal performance. Accelerated cures up to 200 ºF (for small masses only) may be used as an alternative. For example 1 hour at 180 ºF will give complete cure.

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 supplier's information pertaining to the safe and proper use of solvents.

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 information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

In case products are delivered by Henkel Corporation, Resin Technology Group, Inc., or Henkel Canada, Inc.the following disclaimer is applicable:

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, **Henkel Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel 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 Henkel 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.

In case products are delivered by Henkel Belgium NV, Henkel Electronic Materials NV, Henkel Nederland BV, Henkel Technologies France SAS and Henkel France SA please additionally note the following:

In case Henkel would be nevertheless held liable, on whatever legal ground, Henkel's liability will in no event exceed the amount of the concerned delivery.

In case products are delivered by Henkel Colombiana, S.A.S. the following disclaimer is applicable:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. Henkel is not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

Trademark usage

Except as otherwise noted, all trademarks in this document are trademarks of Henkel Corporation in the U.S. and elsewhere. ® denotes a trademark registered in the U.S. Patent and Trademark Office.

This document was created and digitally signed by tdx.henkel.com at 2025-11-28T10:08:09.193Z