



Hysol® EA 9825

Epoxy Paste Adhesive

Henkel Corporation
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Description

Hysol® EA 9825 is a low-density, one-component epoxy syntactic for use on honeycomb composite parts requiring high compressive strength at temperatures up to 350°F (177°C). Hysol® EA 9825 may also be used for fastener or attachment potting and panel edge reinforcing.

Features

One Part Structural Syntactic
High Compressive Strength
Low Density

Properties

Color	Amber
Cured Density, g/cc	0.72
Extrudability, g/min. @ 77°F (25°C)	1,000
Work life, at 77°F (25°C), after thaw, hours	8
Shelf life @ 10°F (-12°C) or below	1 Year

Handling Characteristics

Extrusion rate varies with thawing method and length of time after thaw. Adjust thawing technique to suit application. Cartridges may be thawed 10-12 minutes in a 125°F (50°C) water bath, or 10 minutes @ 180°F (83°C) in an air circulating oven or 1-2 hours @ 77°F (25°C).

Cure Schedule

Heat the material from room temperature at the rate of $3.0 \pm 1^\circ\text{F}$ per minute plus 1 hour at 350°.

Typical Cured Properties

TEST	TEST METHOD	TEST TEMP (F)	REQUIREMENTS	
			MIN. AVG.	MIN. IND.
COMPRESSION STRENGTH, ULTIMATE AND AT 2% STRAIN	HENKEL SLP 3.1.19 AND SLP 3.2.03	75±5	10000PSI ULT. 7000PSI (2%)	9000PSI ULT. 6300PSI (2%)
		300±5	8000PSI ULT. 4600PSI (2%)	6950PSI ULT. 3750PSI (2%)

Handling Precautions

Do not handle or use until the Material Safety Data Sheet has been read and understood.
For industrial use only:

General:

As with most epoxy based systems, use this product with adequate ventilations. Do not get in eyes or on skin. Avoid breathing the vapors. Wash thoroughly with soap and water after handling. Empty containers retain product residue and vapors so obey all precautions when handling empty containers.

Note (This section must be on all TDS)

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.

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Users should review the Materials Safety Data Sheet (MSDS) and product label for the material to determine possible health hazards, appropriate engineering controls and precautions to be observed in using the material. Copies of the MSDS and label are available upon request.



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