

Technical Data Sheet

GENERAL DESCRIPTION

Low Viscosity Epoxy Adhesive

GSP 1339-1 is a low viscosity, two-part, room temperature cure, epoxy adhesive system designed to accommodate higher temperature applications, while offering excellent chemical resistance and good general adhesion to a wide range of substrates. For purposes of viscosity thinning, small quantities of acetone may be added to the mixed product (acetone is a HAPS exempt solvent). Packaging options vary, including convenient 4:1 ratio dual syringes.

COMPONENT PROPERTIES

Property	GSP 1339-1A	GSP 1339-1B
Shelf Life	6 months	6 months
Color	Clear	Translucent Yellow
Viscosity (cps) approximate	6000	2000
Density (lb/gal)	9.7	8.2

HANDLING PROPERTIES

Property	GSP 1339-1
Mix Ratio by Volume	100 A : 25 B
Mix Ratio by Weight	100 A : 20.5 B
Mixed Density (lb/gal)	9.45

PHYSICAL PROPERTIES

Property	GSP 1339-1
Color	Translucent Yellow
Hardness	80 - 85 Shore D
Pot Life, 100 g at room temperature	1 hour
Pot Life, thin film at room temperature	24 hours

INSTRUCTIONS FOR USE

The recommended method of application for this product is with prepackaged, side-by-side ratio tubes using a dispenser and a static mix nozzle. To ensure an accurate mix ratio when dispensing material through a static mixer, discard the first material extruded from the mixer. Product can now be applied directly to the bonding surface. Static mixers and dispensers are available from GS Polymers. Contact the sales department for further information.

TO MIX BY HAND: Proportion out components according to parts by weight or volume ratio into a non-reactive container (polyethylene, polypropylene, or metal de-rimmed can). Container should be about five times larger than the volume of the mixed material. Mix components very thoroughly, preferably with a metal spatula, scraping the sides and bottom of container to incorporate all material.

If working time allows, transfer material to a clean container without scraping sides or bottom before applying. If working time does not allow transfer, material should be used immediately.

Note: During application, do not scrape sides or bottom of the container used for mixing. Residual amounts of poorly mixed material may be incorporated. Such material may fail to cure completely, and may not achieve full physical properties.

CURING INSTRUCTIONS

Mix Ratio by Weight:

Mix 100 parts of **GSP 1339-1A** to 25 parts of **GSP 1339-1B**.

READ AND UNDERSTAND MATERIAL SAFETY DATA SHEET (MSDS) PRIOR TO USING THIS PRODUCT.

Notice to User:

The following is made in lieu of all warranties, expressed or implied. Seller's and manufacturer's only obligation shall be to replace such quantity of product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risks and liability whatsoever in connection therewith. The foregoing may not be altered except by an agreement signed by officers/owners of G.S. Polymers, Inc.

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