

GSP 1534-3

POLYURETHANE COMPOUND

5-Minute Gel, Flexible

GENERAL DESCRIPTION

GSP 1534-3 is a two-part polyurethane adhesive with a 3 to 5 minute gel time. When applied, the free-flowing material forms a thin bead. It provides about 2 minutes of workable time. The material cures to a shiny/glossy finish and remains slightly flexible and bendable. It is highly shock absorbent.

FEATURES

- Fast set up and cure
- Convenient mix ratio (1:1 parts by volume)
- Contains no solvents. 100% reactive
- Remains flexible and bendable after cure
- Excellent adhesion to a variety of substrates

COMPONENT PROPERTIES

PROPERTY	GSP 1534-3A	GSP 1534-3B
Shelf Life	6 months	6 months
Density (lb/gal)	9.35	8.99
Viscosity (cps) At 70° F, RV-6, 50 rpm	5840	2380
Color	Clear Yellow	Amber

HANDLING PROPERTIES

PROPERTY	GSP 1534-3
Mix Ratio by Volume	1 A : 1 B
Pot Life	2-3 min
Mixed Viscosity (cps)	Flowable
Gel Time	3-5 min
Cure Time	1 hour

PHYSICAL PROPERTIES

PROPERTY	GSP 1534-3
Hardness	90 +/-2 Shore A, 43 Shore D
Color	Light Amber

INSTRUCTIONS FOR USE

DOUBLE-BARREL CARTRIDGE: The recommended method of application for this product is with prepackaged, side-by-side ratio cartridge using a dual-piston 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.

Remove the air entrapped during mixing by placing the container of mixed material into a vacuum chamber. Under vacuum, the level of mixed material will rise and then drop with strong bubble breaking action. Do not allow the contents to rise over the top of the container. Allow the material to de-gas (de-air) until the liquid level drops and bubbling is minimal. Release vacuum. 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 Volume: Mix one part **GSP 1534-3 A** to one part **GSP 1534-3 B**.

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.

Prepared: 11/16/05 CS, 1/9/06 CS, Rev 5/18/11 BN