

## Technical Data Sheet

### GENERAL DESCRIPTION

GSP 1526-1 is a two part polyurethane adhesive/sealant. Originally designed as a filter sealant, it provides excellent resistance to water.

Features are:

- Convenient mix ratio (1:2 parts by volume)
- Contains no solvents. 100% reactive
- Excellent adhesion to a variety of substrates
- All components meet 21 CFR 175.105 or 21 CFR 178.3297 (Colorants in Polymers) or are approved for use in food up to 2 percent by weight under 21 CFR 182.2727.

### COMPONENT PROPERTIES

Property	GSP 1526-1 Part A	GSP 1526-1 Part B
Shelf Life	6 months	6 months
Density (lb/gal)	9.87	8.14
Viscosity		5000 cps
Color	Translucent Yellow	Yellow

### HANDLING PROPERTIES

Property	GSP 1526-1
Mix Ratio by Weight	60.6 A : 100 B
Mix Ratio by Volume	1 A : 2 B
Pot Life	20 min
Gel Time	30 - 60 min
Cure Time	overnight

### PHYSICAL PROPERTIES

Property	GSP 1526-1
Hardness	70 Shore A
Color	Pale yellow

**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.

**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 1526-1 Part A** to 2 parts **GSP 1526-1 Part 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: 12/5/05 CES

Revised: 1/23/06 CES r3