

Technical Data Sheet

GENERAL DESCRIPTION

Polyurethane Casting Material

GSP 1586-2 is an impact resistance polyurethane casting material.

COMPONENT PROPERTIES

Property	GSP 1586-2 A	GSP 1586-2 B
Shelf Life	6 months	6 months
Density (lb/gal)	9.48	9.23
Color	Black	Translucent Amber

HANDLING PROPERTIES

Property	GSP 1586-2
Mix Ratio by Weight	100 A : 49 B
Mix Ratio by Volume	2 A : 1 B
Gel Time	2-3 min

PHYSICAL PROPERTIES

Property	GSP 1586-2
Hardness	70 Shore D
Color	Black

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. 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:**

2 parts by volume **GSP 1586-2 Part A** to 1 part by volume **GSP 1586-2 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: 11/17/05 CES r2

Revised: 1/9/06 CES r3