

## Technical Data Sheet

### GENERAL DESCRIPTION

Casting Resin with 80 Shore A Hardness

GSP 8065 is a two-part polyurethane casting system. Once cured, it exhibits excellent tensile strength, tear strength, and elongation. When the two parts, A and B, are mixed, the system is easily pourable. GSP 8065 provides a good balance between ease-of-use and ultimate physical properties.

Features are:

- Easily mixed and poured
- Resists foaming
- Provides excellent hydrolytic stability

### COMPONENT PROPERTIES

Property	GSP 8065 Part A	GSP 8065 Part B
Shelf Life	6 months	6 months
Density (lb/gal)	10.2	
Viscosity (cps)	200	~3800
Color	Amber	Black

### HANDLING PROPERTIES

Property	GSP 8065
Mix Ratio by Weight	38 A : 100 B
Pot Life	~20 minutes
Viscosity, mixed (cps)	~1800
Gel Time	~2 hours
Cure Time	1 hour at 150° F or 24 hours at room temperature

### PHYSICAL PROPERTIES

Property	GSP 8065
Hardness	80 Shore A
Color	Black

## **INSTRUCTIONS FOR USE**

**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 which will neither cure completely, nor exhibit full physical properties.

## **CURING INSTRUCTIONS**

### **Mix Ratio by Weight:**

Mix 38 parts by weight of **GSP 8065 Part A** with 100 parts by weight of **GSP 8065 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.

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