

GSP 1360-2

EPOXY CASTING SYSTEM

Room Temperature Cure, 1 Hour Pot Life, 85 Shore D

GENERAL DESCRIPTION

GSP 1360-2 is an economical two-part epoxy casting system. It provides about an hour of pot life once mixed. The system cures at room temperature or may be accelerated with heat forming a hard, dense polymer.

COMPONENT PROPERTIES

| PROPERTY | GSP 1360-2 PART A | GSP 1360-2 PART B |
|------------------|----------------------|----------------------|
| Shelf Life | 6 months | 12 months |
| Density (lb/gal) | 12.94 | 8.11 |
| Viscosity (cps) | 72600 (RV-7 @ 20rpm) | 1740 (RV-6 @ 100rpm) |
| Color | Gray | Amber |

HANDLING PROPERTIES

| PROPERTY | GSP 1360-2 |
|---------------------|-----------------------------|
| Mix Ratio by Weight | 100 A : 16 B |
| Pot Life | 1 hour |
| Gel Time | 90 minutes |
| Cure Time | 24 hours @ room temperature |

PHYSICAL PROPERTIES

| PROPERTY | GSP 1360-2 |
|------------------------|-----------------------|
| Hardness | 80 – 90 Shore D |
| Color | Gray |
| Viscosity, mixed (cps) | 22,720 (RV-7 @ 50rpm) |

INSTRUCTIONS FOR USE

TO MIX BY HAND:

Mix Ratio by Weight: 100 parts by weight GSP 1360-2 Part A to 100 parts by weight GSP 1360-2 Part B.

Pot-Life: Do not mix more than can be applied in 1 hour. Gel time is about 90 minutes but will vary depending on the mass mixed and the ambient temperature.

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. 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.

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. It is the customer's responsibility to determine fitness of use for all GSP products by directly testing the materials first-hand for each application. Please fully evaluate the materials so as to convince yourself of appropriate and adequate performance. Before using, customer shall determine the suitability of the product for the intended use, and customer assumes all risks and liability whatsoever in connection therewith.

The only obligation of the seller or manufacturer 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. The foregoing may not be altered except by an agreement signed by officers/owners of G.S. Polymers, Inc.

Prepared: 11/28/2005 CES

Revised: R4-7/20/11 AG/bn