

Technical Data Sheet

GENERAL DESCRIPTION

GSP 1595-2 is a two-part polyurethane that, once cured, provides excellent impact resistance. It can be used for making parts, potting, or creating a formed-in-place-gasket. The material must be heated to mix, and then must be heat cured.

COMPONENT PROPERTIES

Property	GSP 1595-2 Part A	GSP 1595-2 Part B
Shelf Life	6 months	6 months
Density (lb/gal)	10.10	9.44
Color	Clear	Red

HANDLING PROPERTIES

Property	GSP 1595-2
Mix Ratio by Weight	62.3 A : 100 B
Pot Life	10 - 15 min
Gel Time	15 - 30 min

PHYSICAL PROPERTIES

Property	GSP 1595-2
Hardness	40 Shore D
Color	Red

INSTRUCTIONS FOR USE

Part A can be used at room temperature or slightly warmed to reduce viscosity.

Part B must be melted at 140 – 180°F and mixed at around 125 - 130°F with the Part A.

Proportion out components according into a non-reactive container (polyethylene, polypropylene, or metal de-rimmed can). The ratio is 62.3 grams of **GSP 1595-2 Part A** with 100 grams of **GSP 1595-2 Part B**.

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.

The mixed system will gel in 15 – 30 minutes.

This system must be post cured at 250°F for 16 hours immediately after demolding.

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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