

## GS# 517-1 Sealant

### Technical Data Sheet

#### PRODUCT DESCRIPTION

GS# 517-1 Sealant is a permanently flexible extruded sealant that forms an immediate and tenacious bond to virtually any clean and dry surface. This sealant was designed specifically to adhere to low-energy surfaces, porous substrates, and to maintain adhesion at very low ambient temperatures.

GS# 517-1 Sealant remains permanently flexible while exposed to extreme temperature fluctuations, will self-heal after it has been punctured, and is extremely weather resistant.

#### PRODUCT ADVANTAGES

- Tenacious surface adhesion
- Excellent weathering characteristics
- Non-Hazardous
- Fast and easy to apply by hand
- Will not crack, dry out, or shrink
- Service temperature of -40°F to 200°F (-29°C to 93°C)

#### APPLICATION

Surface should be free of moisture, oil and dust for maximum bond. Apply the sealant by hand to the application surface and press the sealant into place with the release liner still adhered to the sealant on one side to prevent contamination. Remove release liner when ready to apply the sealant to remaining application site. Ideal application temperature is -40°F (-29°C) or above.

Product is not considered hazardous to skin however wash hands before eating. DO NOT TAKE INTERNALLY.



#### TYPICAL PHYSICAL PROPERTIES

<b>Chemical Base</b>	Butyl
<b>Color</b>	Dark Grey
<b>Specific Gravity (ASTM D 792)</b>	1.24
<b>Total Solids</b>	100%
<b>Penetration (ASTM D 217) cone at 72°F / 150 grams</b>	72-87 (7.2 to 8.7 mm)
<b>Rolling Ball Tack (ASTM D 3121)</b>	2.0 cm max (11/16" Ball)
<b>Flexibility (ASTM C 765)</b>	No cracking or loss of adhesion at -20°F (-29°C) when bent around 3/8" mandrel (9.5mm)
<b>Staining (ASTM D 925)</b>	Will not stain painted or unpainted surfaces
<b>Odor (ASTM D 1833)</b>	None
<b>Vehicle Bleed Out (ASTM C 772)</b>	No exudation of vehicle on Whatman No. 40 filter paper
<b>Crazing to Acrylic Plastics</b>	Will not craze plastics
<b>Resistance to Fungus/Mildew Growth</b>	Will resist fungal attack and mildew growth
<b>Tensile Adhesive Strength (ASTM C 907)</b>	6 psi (typical failure mode 100% cohesive)

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#### TYPICAL PHYSICAL PROPERTIES CONTINUED

<b>Adhesion</b>	Excellent
<b>Water Resistance</b>	Excellent
<b>Corrosivity</b>	Aluminum: None Galvanized Metal: None
<b>Service Temperature</b>	-40°F to 200°F (-29° to 93°C)
<b>Shelf Life (Storage at 72°F/ 22°C)</b>	3 Years from DOM

NOTE: TECHNICAL INFORMATION AND DATA SHOULD BE CONSIDERED REPRESENTATIVE OR TYPICAL ONLY AND SHOULD NOT BE USED FOR SPECIFICATION PURPOSES.

#### PACKAGING

GS# 517-1 Sealant is available in a wide range of extruded sizes supplied in roll form on a release liner.

#### STORAGE AND HANDLING

Material should be stored at 72°F (22°C) in a dry area in its original sealed case and case must remain right side up.

For more information on GS# 517-1 Sealant, please email [Sales@GeneralSealants.com](mailto:Sales@GeneralSealants.com) or call (800)-762-1144 to speak with our Sales Department.

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