



## PRODUCT DATA

# U579

## PLASTIC SEALER

### DESCRIPTION:

U579 Plastic Sealer is formulated to bond to various plastic surfaces and is used extensively in the construction industry to seal between materials such as glass, wood, plastic and masonry. Typical applications include the sealing of lap joints in metal or plastic building panels or as a hand-applied caulk between masonry walls and metal window frames. In general, U579 sealer can be used anywhere a pliable material with high initial adhesive and sealing qualities is required.

U579 Plastic Sealer is supplied as an extruded, preformed tape or bead in a range of sizes for convenient application. The product has excellent resistance to water and water vapor and is non-hardening over the service temperature range. It adheres quickly and firmly to most clean, dry surfaces and will conform to and fill any slight surface irregularities. Non-corrosive to most metal surfaces and does not affect most rubber or plastic surfaces.

### APPLICATION:

Surfaces to be sealed must be clean, dry and free of foreign matter such as loose paint, dust and other contaminants. Oily surfaces should be wiped clean with a clean cloth dampened with solvent. Adhesion is excellent to most commercially clean surfaces.

### PHYSICAL PROPERTIES:

Property	Test Method	Typical Values
Color	ASTM D1729	U579.2: White U579.6: Green
Odor		None to mild
Service Temperature		-50°F to 158°F
Needle Penetration, 100 g	ASTM D1321	80 ± 5 dmm
Specific Gravity	ASTM D297	1.22 ± 0.05 g/cm <sup>3</sup>
Weight per Gallon		10.2 ± 0.5 pounds per gallon
Flexibility	ASTM C765	1/8-inch thick extrusion passes a 2-inch mandrel bend @ -50°F
Dielectric Strength	ASTM D149	15 kV at 0.10-inch thickness
Electrical Resistance	ASTM D257	9.5 x 10 <sup>6</sup> Ω at 0.30-inch thickness
Shelf Life		Minimum 1-year when stored in the original container at normal warehouse conditions.

## deVan Sealants, Inc.

6301 Prescott Avenue · P.O. Box 470375

St. Louis, MO 63147

(314) 383-1941 · Fax (314) 383-6491

[www.devansealants.com](http://www.devansealants.com)

### CONDITIONS OF SALE AND LIMITATIONS OF WARRANTIES:

All deVan Sealants, Inc. products and materials are sold subject to the terms and conditions set forth in the technical data sheet, invoice, order acknowledgement and/or bill of lading. All statements, technical information and recommendations regarding such products are based on tests and examinations believed to be reliable but deVan Sealants, Inc. neither guarantees nor warrants their accuracy or completeness.

It shall be the sole responsibility of the user to determine the suitability of the deVan Sealants, Inc. product or material for each intended use and the user shall assume all risks and liability in connection with the use, or inability to use, the product or material.

To the exclusion of all other remedies, deVan Sealants, Inc. warrants and agrees to replace or, as its sole option, to refund the purchase price of that portion of any material or product supplied by deVan Sealants, Inc. which is proven, upon inspection within thirty (30) days of the date of receipt of such product or material, to be defective in material or workmanship. No salesperson, agent, employee or representative of deVan Sealants, Inc. has any authority to enlarge or change the terms of the warranty.

In no event shall deVan Sealants, Inc. be responsible for any special, indirect, consequential or incidental damages or loss including, without limitations, loss of profits or revenues, economic losses or loss of use, whether statutory or based on theories of contract or tort. THERE ARE NO OTHER AGREEMENTS, UNDERSTANDINGS, REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ANY REGARDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) NOT SPECIFIED HEREIN.

2012-01-07