

Silopren* Primer B

Silicone Primer for use with One Component RTV Silicone Adhesive Sealants

Product Description Primer B is designed for use with Momentive Performance Materials RTV silicone adhesive sealants. Primers are used to help promote adhesion to difficult-to-bond substrates. Primer B is a one-component product requiring no mixing and is supplied ready-to-use as easily pourable solvent solutions. Primer B increases the adhesion of one-component condensation cure adhesive sealants to metals and other surfaces.

Key Performance Properties

- One-component - no mixing
- Simple handling procedures and equipment for easy use and low processing cost.
- Dry at room temperature and ambient humidity conditions

Typical Product Data

Properties	Units	Silopren Primer B
Appearance		Light yellow
Viscosity 20 °C	mPa s	2
Dry Time	Minutes	30

Specifications Typical product data values should not be used as specifications. Assistance and specifications are available by contacting Momentive Performance Materials.

Instructions for Use

Surface Preparation

All surfaces to be bonded should first be thoroughly cleaned. A cloth or industrial tissue saturated with methyl ethyl ketone (MEK) may be used to remove dirt, oil or grease from non-plastic surfaces. When practical, surfaces should be wiped dry before applying the primer coating. Abrasion of the surface will also often improve adhesion.

When solvents are used as described, proper safety precautions must be observed.

Priming Procedure

Primers may be applied by brushing, wiping or dipping. (Spraying may sometimes produce erratic results.) A thin uniform primer coating of approximately 0.01 to 0.02 mm thickness usually provides the strongest bond.

For most primers, a drying time of at least 30 minutes at room temperature is suggested prior to application of the RTV silicone rubber adhesive sealant. On porous surfaces, a second coat of primer may be required. Allow at least 30 minutes drying time between coats.

For all of these silicone primers sufficient humidity must be available for proper drying. A minimum of 25% relative humidity is suggested. Primers may be left to dry for up to 24 hours before application of the sealant without loss of bonding effects. However, the primed surface must be covered to prevent dirt or contaminant pick-up.

Handling and Safety Material Safety Data Sheets are available upon request from Momentive Performance Materials. Similar information for solvents and other chemicals used with the Momentive Performance Materials should be obtained from your supplier. When solvents are used, proper safety precautions must be observed.

Storage and Warranty Period The warranted shelf life will be indicated by the 'use before date' on the associated documents with a minimum of 4 months when stored in the original unopened contains below 60°C.
A slight white precipitate may form in storage. This should not impair performance of the primer. Do not shake the container prior to use, but carefully decant the clear primer from the top of the container as needed. A laboratory check of adhesion is suggested prior to product use.

Availability **Silopren Primer B** is available in 4.5 kg cans.

PRINCIPAL LOCATIONS – Regional Information

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Pacific	Akasaka Park Building - 5-2-20 Akasaka Minato-ku, Tokyo 107-6112 Japan	T +81.3.5544.3100	F +81.3.5544.3101

CUSTOMER SERVICE CENTERS

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	<ul style="list-style-type: none"> • Specialty Fluids • UA, Silanes, Resins, and Specialties • RTV Products-Elastomers • Sealants and Adhesives & Construction 	T 800.523.5862 T 800.334.4674 T 800.332.3390 T 877.943.7325	F 304.746.1654 F 304.746.1623 F 304.746.1623 F 304.746.1654
Latin America	E cs-la.silicones@momentive.com		
	<ul style="list-style-type: none"> • Argentina & Chile • Brazil • Mexico & Central America • Venezuela, Ecuador, Peru, Colombia, & Caribbean 	T +54.11.4862.9544 T +55.11.4534.9650 T +52.55.5899.5135 T +58.212.285.2149	F +54.11.4862.9544 F +55.11.4534.9660 F +52.55.5899.5138 F +58.212.285.2149
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