

Hybrid Silicone Primer for Low Polarity Surfaces

Features: Provide thin adhesive films that act as primers for organic resins on metal and glass substrates. Sibrid® Primer A1 is a silane modified organic polymer with the ability to form thin films on siliceous and metal substrates and then crosslink with subsequently applied organic resins at room or moderately elevated temperatures.

Applications:

- optical-electronic interface device assembly and packaging
- thin film adhesive protective coatings
- primer on metals, glass and concrete for organic coatings

Capsular Description:	Thickness	 thin-thick	Cure	 air/moisture	Hardness	 medium	Type	 solvent-borne 1-part
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Gelest® Primer A1 Adhesive/primer for low polarity resins

Description

Gelest® Primer A1 is a linear polymer containing reactive alkoxy silane, anhydride and unsaturation functionality dissolved in toluene. It is suitable for nonpolar resins including silicones and polyolefins. The primer is normally applied to the inorganic substrate and after drying the polymer is applied.

Solution Properties

Form	amber solution
Solids	12-14%
Flashpoint	5°C
Specific Gravity	0.85
Viscosity	2-5 cSt.

Shelf life: 12 months when stored below 25°C in sealed containers. Keep container sealed after dispensing product.

Standard Packaging

PP1-SBPA1 Gelest® Primer A1
100g/ \$29.00
1kg/ \$174.00

Caution

Use in a well ventilated area.
Flammable. Avoid contact with skin and eyes.
Product is moisture sensitive. Containers should be tightly sealed.

Application Methods

Gelest® Primer A1 is applied as a coating by spraying, dipping or brushing. The solvent is removed by evaporation in an exhausted area. Simultaneous with evaporation, moisture induced cross-linking is initiated. After drying, maximum bond strength with the substrate is achieved by heating to 80°C for 30 minutes, but normally this is not necessary.