



Supergrip® 9621

ONE COMPONENT MOISTURE CURING URETHANE ADHESIVE

KEY FEATURES

- Good green strength
- Low application temperature
- Quick setting

DESCRIPTION

SG9621 is a solvent-free, one-part moisture curing urethane adhesive. This product, supplied in a solid form is applied like a hot melt adhesive. Once dispensed, the adhesive will react with ambient moisture to yield a tough urethane polymer adhesive. Heat is not required for cure to occur. SG9621 offers the combined benefits of quick setting for high throughput processing and the premium properties of a reactive adhesive system once cured. SG9621 has excellent solvent, chemical and elevated heat resistance, as well as excellent adhesion to wood, steel, and a variety of plastics.

KEY BENEFITS

- Good chemical, water, and heat resistance
- Ideal for temperature sensitive substrates
- High throughput processing

SHELF LIFE

Shelf Life is 12 months at 73°F (23°C) in unopened factory sealed containers. Due to product moisture sensitivity, shipping containers must be kept tightly sealed and opened just prior to product use.



TYPICAL PHYSICAL PROPERTIES

Description	Results
Color	Opaque, Off-White
Solids	100%
Thermosel Viscosity	42,500 cP (100°C)
Density	9.6 lbs/gal (1.15 g/cm ³)
Open Time	2 min. for a 10 mil film at ambient conditions
Application Temperature	110°C - 120°C

TYPICAL PROPERTIES OF CURED FILM

Description	Result
Cure Conditions	7 days @ 25°C, 50% RH
Tensile at Break	3,200 psi (22,000 kN/m ²)
Elongation at Break	1,550 %
Water / Chemical Resistance	Good
Heat Resistance	365°F (185°C)

APPLICATION TECHNIQUES

Typical application temperature is 230-248°F (110-120°C). Higher application temperatures are possible but not recommended. Refer to the product MSDS prior to use at temperatures greater than 248°F (120°C). Adhesive application is best conducted using direct pail or drum melting systems. These melters may be equipped for adhesive applications via bead extrusion or swirl spray methods.

CURE SCHEDULE

Cure rate is dependent upon substrate type, moisture permeability and ambient conditions. SG9621 will develop adhesive properties within 24 hours. However, optimum properties are achieved after 5 - 7 days at room temperature.

CLEANUP

Since SG9621 is applied at elevated temperatures, it is advisable to clean the equipment regularly with an appropriate cleaning agent such as Supergrip® PURGE

HEALTH & SAFETY PRECAUTIONS

The Safety Data Sheet should be consulted for proper handling, clean up and spill containment before use. Keep containers covered to minimize contamination.

LIMITED WARRANTY

The Limited Warranty for this product can be found at www.bostik-us.com/resource-center/warranties or by calling 1-800-726-7845 (choose option 2, then option 2 again). To the maximum extent allowed by law, Bostik disclaims all other express or implied warranties, including without limitation warranties of merchantability and fitness for a particular purpose. Unless otherwise stated in the limited warranty, the sole remedy for breach of warranty is replacement of the product or refund of the buyer's purchase price. Bostik disclaims any liability for direct, incidental, consequential, or special damages to the maximum extent allowed by law. Disclaimers of implied warranties may not be applicable to certain classes of buyers and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

BOSTIK HOTLINE

Smart help
1-800-726-7845

Bostik, Inc.
11320 W. Watertown Plank Road
Wauwatosa, WI 53226
www.bostik-us.com



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