



SG6300

ONE COMPONENT MOISTURE CURING URETHANE ADHESIVE

KEY FEATURES

- High green strength
- Excellent bonding on PC and ABS
- Excellent environmental resistance

DESCRIPTION

SG6300 is a 100% solids, one-component, moisture curing polyurethane adhesive. Once dispensed, the adhesive will react with ambient moisture or water content of the substrates to yield a cross-linked thermoset adhesive. Heat is not required for curing to occur.

PACKAGING

SG6300 is packaged in 300mL aluminum cartridges.

SHELF LIFE

At 23°C, the unopened SG6300 has a shelf life of approximately 180 days. Once opened, the remaining glue should be used as soon as possible.

STORAGE & HANDLING

The incompletely cured SG6300 product contains isocyanate. Avoid contact with skin or food. For more information, please refer to the SDS.

TYPICAL APPLICATIONS

With the ability to bond many kinds of substrates (PC, ABS, aluminum, etc.), SG6300 is a versatile adhesive for general product assembly (e.g. electronics, wood bonding).

APPLICATION TECHNIQUES

This product is suitable for HMPUR dispensers. Typical application temperature: 120-135°C. The amount of adhesive applied is dependent on the application.

TYPICAL PHYSICAL PROPERTIES

Description	Results
Appearance (uncured)	Off-White Solid
Brookfield Viscosity (uncured, 130°C, mPa.s)	approx. 5500
Specific gravity (uncured)	1.1
Open time	2 minutes
Hardness (cured, Shore A)	75

CURING TIME

Cure rate is dependent upon substrate type, moisture permeability and ambient conditions. SG6300 will develop adhesive properties within 24 hours. However, optimum properties are achieved after seven days at room temperature.

CLEANUP PROCEDURE

Since SG6300 needs to be heated during use, it is recommended to use a suitable cleaning agent or purge material to periodically clean the application equipment.

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

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