



Stik'N Seal Outdoor Adhesive

Description: Loctite Stik'N Seal Outdoor Adhesive is a versatile high-performance adhesive sealant formulated for all-purpose projects and repairs. This semi-flexible crystal-clear adhesive is designed to address the daily needs of the homeowner, both indoor and outdoor.

Available As:

| Item # | Size | Package |
|---------|-------------------|-------------|
| 1716815 | 1.0 fl oz (29 ml) | Carded Tube |
| 1716816 | 2.0 fl oz (59 ml) | Carded Tube |

Features & Benefits:

- All-Purpose Adhesive
- Dries Crystal Clear
- Thick Gel-Like Consistency Means No Drips
- Waterproof
- Dries to a Semi-Flexible Bond
- Gap Filling

Recommended For:

Loctite Stik'N Seal Outdoor Adhesive can be used for bonding aluminum, brick, cardboard, ceramic, fabric, fiberglass, glass, leather, rubber, steel, wood and most plastics. At least one surface should be porous.

Limitations:

- Not recommended for use on polyethylene, polypropylene, polytetrafluoroethylene (PTFE) or other hard-to-bond plastics
- Not suitable for bonding two non-porous surfaces
- Not for use in potable water systems



TECHNICAL DATA SHEET

Typical Uncured Physical Properties:

| | | | |
|----------------------------------|---|---------------------|----------------------|
| Color: | Clear and colorless | | |
| Appearance: | Gel | | |
| Base: | Synthetic rubber | | |
| Solvent: | Heptane/Propyl acetate | | |
| Odor: | Mild solvent | | |
| Specific Gravity: | 0.86 | | |
| Flash Point: | 14°F (-10°C) | | |
| Viscosity: | 13,000 to 20,000 mPa.s | | |
| VOC Content: | 48% by weight | CARB | |
| | 409 g/l | SCAQMD rule 1168 | |
| Shelf Life: | 24 months from date of manufacture (unopened) | | |
| Lot Code Explanation: | For Example: | | |
| Imprinted on crimped end of tube | LB5FAC569 | | |
| | 5 = Last Digit in the Year of Manufacture | A – January | G – July |
| | 5 = 2015 (i.e. 4 = 2014, 5 = 2015, etc.) | B – February | H – August |
| | F = Month produced (see chart at right) | C – March | J – September |
| | F = June | D – April | K – October |
| | | E – May | L – November |
| | June 2015 is the date of manufacture | F – June | M – December |

Typical Application Properties:

| | |
|--------------------------|---|
| Application Temperature: | Apply above 32°F (0°C) |
| Open Time: | 5 minutes* |
| Cure Time: | 24 hours* |
| | *Times are dependent on temperature, humidity, porosity of surface bonded and amount of adhesive used |

Typical Cured Performance Properties:

| | | | |
|-----------------------------|--|-----------------|--|
| Color: | Clear and Colorless | | |
| Cured Form: | Non-flammable, semi-flexible solid | | |
| Service Temperature: | 14°F (-10°C) to 110°F (43°C) | | |
| Water Resistant: | Yes | | |
| Peel Strength: | 7 day cure @ 73°C & 50% RH | | |
| Canvas to Canvas: | 18 pli (3.15 N/mm) | | |
| Tensile Shear Strength: | 7 day cure @ 73°C & 50% RH | | |
| Maple to ABS: | 294 psi (2.03 N/mm ²) | 1"x1" bond area | |
| Maple to Acrylic: | 256 psi (1.77 N/mm ²) | | |
| Maple to PVC: | 286 psi (1.97 N/mm ²) | | |
| Compressive Shear Strength: | 7 day cure @ 73°C & 50% RH | | |
| Maple to Maple: | 416 ± 109 psi (2.87 ± 0.75 N/mm ²) | | |

Directions:

Tools Typically Required:

Tooling device

Safety Precautions:

Gloves for prolonged contact.

Preparation:

Protect work area. Surfaces to be glued or sealed must be clean, dry and free of grease. Pre-fit all materials before applying adhesive. For improved adhesion, roughen very smooth surfaces. Pierce tube seal with the reverse side of the cap.

Application:

As an Adhesive: Apply to both surfaces. Wait for 5 minutes until adhesive is tacky and then press surfaces together. Clamp



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if necessary. Leave bond undisturbed for at least 2 hours. Full cure in 24 hours. **Cure** time is dependent upon temperature, humidity and amount of adhesive used.

As a Sealant: Apply a layer 1/4" (6 mm) thick over the area to be sealed. Let dry for 24 hours. If necessary, apply a second coat.

Clean-up

Clean tools and uncured product residue immediately with mineral spirits or acetone. Cured sealant may be carefully cut away with a sharp-edged tool.

Storage & Disposal:

NOT DAMAGED BY FREEZING. Store away from heat, flame and spark in a cool, well-ventilated area. Use an approved hazardous waste facility for disposal.

Label Precautions:

DANGER! Contains petroleum solvents and distillates. Do not use or store near heat, sparks or open flame. Do not smoke when using this product. May affect the brain or nervous system causing dizziness, headache or nausea. Use in a well ventilated area. Keep container closed when not in use. Avoid contact with eyes and prolonged contact with skin. Avoid breathing vapors. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. **FIRST AID:** If swallowed, do not induce vomiting, call a physician immediately. In case of eye contact, flush with water for 15 minutes, call a physician. For skin contact wash with soap and water. If overcome by fumes, get fresh air. **KEEP OUT OF THE REACH OF CHILDREN.**

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Refer to the Safety Data Sheet (SDS) for further information.

Disclaimer:

The information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Purchasers should test the products to determine acceptable quality and suitability for their own intended use. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.



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For over 50 years, Loctite Brand adhesives and sealants have taken on the toughest jobs. Used in race cars, airplanes, and even in the space-shuttle, Loctite provides solutions for the most demanding industrial, professional and consumer applications. Loctite gives you not the specialization, power and performance to not only get your job done, but to get it done right.

1-800-624-7767 – Mon-Fri - 9:00a – 4:00p ET

www.loctiteproducts.com



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