



TECHNICAL DATA SHEET



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DESCRIPTION

Loctite® Stik'n Seal® Extreme Conditions contains the revolutionary new *Flextec™* formulation which bonds more surfaces faster than ordinary household adhesives. It is a versatile, heat resistant adhesive that bonds, seals and repairs almost all materials. It is ideal for bonds subject to harsh or extreme conditions or for situations where constant flexing is a problem. It can be used indoors and outdoors, has excellent adhesion and high initial grab that cures quickly. It has an excellent resistance to weathering, vibration, moisture, ozone, UV and extreme temperatures, creating long outdoor reliability.

RECOMMENDED FOR

Bonding glass, mirror, ceramic, leather, fabric, many plastics, wood, concrete, stone and metal-to-porous surfaces. One surface should be porous. Dishwasher safe. Use for sealing or repairing door frames, windows, vents, toys, appliances, gaskets, weather-stripping, boats and cars. It is also great for many hobbies and crafts.

NOT RECOMMENDED FOR

- Polyethylene (PE), polypropylene (PP) and polytetrafluoroethylene (PTFE) plastics, metal-to-metal (one surface should be porous) or rubber
- Applications with prolonged water immersion
- Aquariums or potable water systems
- Applications requiring service temperatures below -58°F (-50°C) and above 248°F (120°C)
- Applications requiring solvent resistance
- Archival applications

FEATURES & BENEFITS

Feature	Benefits
Extreme temperature resistance.....	All-season use
Water resistant.....	Indoor and outdoor use
No cracking, peeling or shrinking.....	One-time application
Gap filling.....	Excellent for imperfect surfaces
Flexible bonds.....	Flexes with other materials

Item #	Package	Size
1360784	Carded Tube	1.0 fl. oz.

DIRECTIONS

Safety Precautions:
Well-ventilated area, gloves.

Preparation:
Use between 41°F (5°C) and 104°F (40°C). Protect work area. Surfaces must be clean and free of grease, dust and other contaminants. For improved adhesion, roughen very smooth surfaces prior to cleaning. Remove cap. Puncture inner seal with reverse side of cap.

Application:
Apply thin layer of adhesive to both surfaces to be bonded and wait 3 – 4 minutes until adhesive is tacky. Carefully assemble parts, pressing both surfaces firmly together. For difficult bonds, clamp parts or use tape to hold pieces together. Do not move or use parts for at least 2 hours. Full bond strength is achieved in 24 hours. Cure times will increase with lower temperatures and humidity and if bonding two non-porous surfaces.

Clean-up:

Clean tools and adhesive residue immediately with mineral spirits. Cured adhesive may be carefully cut away using a sharp-edged tool.

STORAGE AND DISPOSAL

Not damaged by freezing. To dispose of any unwanted product, use an approved hazardous waste facility for disposal.

LABEL PRECAUTIONS

WARNING! Contains trimethoxyvinylsilane and amines. May be harmful if inhaled or swallowed. Methanol is released during application and cure, which may affect the nervous system causing dizziness, headache or nausea. Use only in well ventilated areas. Avoid eye and skin contact. Prolonged or repeated skin contact may cause sensitization. Persons with previous allergic reactions to amines should avoid contact with product. Wash hands after use. Wear gloves when applying product. **FIRST AID:** For eye contact flush with water for 15 minutes. Call a physician if irritation develops and persists. For skin contact, wash affected area with soap and water immediately. If affected by inhalation, remove to fresh air and get medical attention. If ingested, do not induce vomiting. Call a physician or Poison Control Center immediately. **DO NOT TAKE INTERALLY. KEEP OUT OF REACH OF CHILDREN.**

Refer to the Material Safety Data Sheet (MSDS) 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.

TECHNICAL DATA

Typical Uncured Physical Properties		Typical Application Properties	
<u>Color:</u>	Clear	<u>Application Temperature:</u>	41°F (5°C) to 104°F (40°C)
<u>Appearance:</u>	Non-slumping paste	<u>Open Time:</u>	5 minutes
<u>Specific Gravity:</u>	1.174	<u>Handling Time:</u>	2 hours
<u>VOC Content:</u>	< 0.4% by weight	<u>Cure Time:</u>	24 hours Cure time will increase with lower temperatures, low humidity and if bonding two non-porous surfaces.
<u>Shelf Life:</u>	18 months from date of manufacture (unopened)		
<u>Lot Code Explanation:</u>	YDDD Y = Last digit of year of manufacture DDD = Day of manufacture based on 365 days in a year For example: 9061 = 61 st day of 2009 = March 2, 2009		

Typical Cured Performance Properties

<u>Color:</u>	Clear
<u>Water Resistance:</u>	Yes
<u>Paintable:</u>	Yes
<u>Tensile Strength:</u> (7 days, beech to beech)	758 psi
<u>Service Temperature:</u> (Intermittent)	-58°F (-50°C) to 248°F (120°C)