



## Stik'N Seal® Extreme Conditions

**Description:** Loctite Stik'n Seal Extreme Conditions contains the revolutionary 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.

**Available As:**

Item #	Size	Package
1360784	0.58 fl oz (17 ml)	Carded Tube

**Features & Benefits:**

- Extreme Temperature Resistance
- Water Resistant
- Gap Filling
- Flexible Bonds
- Vibration & Impact Resistant
- Low Odor

**Recommended For:**

Loctite Stik'N Seal Extreme Conditions can be used 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.

**Limitations:**

- Not recommended for polyethylene, polypropylene, polytetrafluoroethylene (PTFE)/ Teflon® or metal-to-metal (one surface should be porous) or rubber
- Not suitable for applications with prolonged water immersion
- Not suitable for use on aquariums or potable water systems
- Not recommended for applications requiring service temperatures below -58°F (-50°C) and above 248°F (120°C)
- Not recommended for application requiring solvent resistance
- Not suitable for use in archival applications



# TECHNICAL DATA SHEET

## Typical Uncured Physical Properties:

Color:	Clear	
Appearance:	Non-slumping paste	
Base:	Silane-modified polymer	
Odor:	Minimal	
Specific Gravity:	1.174	
Flash Point:	>199°F (93°C)	
pH	7.3	
Viscosity:	300 Mcps @ 5 rpm	
% Solids:	58.7%	
VOC Content:	4.99% by weight	CARB
	52.4 g/L	SCQAMD
Shelf Life:	18 months from date of manufacture (unopened)	
Lot Code Explanation:	<b>YDDD</b> Y = Last digit of year of manufacture DDD = Day of manufacture based on 365 days in a year For example: 5061 = 61 <sup>st</sup> day of 2015 = March 2, 2015	

## Typical Application Properties:

Application Temperature:	Apply above 41°F (5°C) to 104°F (40°C)
Open Time:	5 minutes*
Handling Time:	2 hours
Full Cure Time:	24 hours*
	*Time is dependent on temperature, humidity and thickness of adhesive used

## Typical Cured Performance Properties:

Color:	Clear
Cured Form:	Non-flammable, flexible solid
Service Temperature:	-58°F (-50°C) to 248°F (120°C)
Water Resistant:	Yes

## Directions:

### Tools Typically Required:

Applicator (e.g. small flat plastic or wooden stick).

### 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.



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**Storage & Disposal:**

Not damaged by freezing. Close the tube tightly after each use. To dispose of unwanted product, squeeze out remaining material, allow to dry and discard with trash.

**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 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.

**Trusted Performance. Proven Results.**

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](http://www.loctiteproducts.com)



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