



# TECHNICAL DATA SHEET



## Stik'N Seal™

### Extreme Repair Adhesive

**Description:** LePage Stik'N Seal Extreme Repair Adhesive is a versatile, heat resistant adhesive that bonds, seals and repairs almost all materials. It can be used indoors and outdoors, has excellent adhesion and cures quickly. Stik'N Seal Extreme Repair provides a permanently flexible, waterproof seal that will not crack, peel or shrink. It has an excellent resistance to weathering, vibration, moisture, ozone, UV and extreme temperatures, creating long outdoor reliability. Stik'N Seal Extreme Repair can be used to bond or repair saltwater or freshwater aquariums.

**Available As:**

Item #	Size	Package
1366092	30 ml	Carded Tube

**Features & Benefits:**

- Extreme Temperature Resistance
- Water Resistant
- No Cracking, Peeling or Shrinking
- Gap Filling
- Flexible Bonds

**Recommended For:**

Stik'N Seal Extreme Repair Adhesive can be used for bonding ABS, glass, ceramic, porcelain, wood, aluminum, stainless steel, cultured marble, fiberglass, granite, vinyl tile, some rubbers and plastics. Use for sealing or repairing door frames, windows, vents, toys, appliances, gaskets, weather-stripping, outside of fireplace doors, boats, cars, shoes, ponds and aquariums. It is also great for many hobbies and crafts.

**For Best Results:**

- Not for use in aquariums greater than 114 L (30 gallons) and/or containing water greater than 46 cm (18") in height
- Not suitable for use on marble, limestone, brass, copper, magnesium, iron, zinc or galvanized metals
- Note suitable for use on polyethylene, polypropylene, polytetrafluoroethylene (PTFE) / Teflon®, polymethylmethacrylate, polycarbonate, PVC
- Not recommended for applications below grade, stovepipe, chimney or fireplace applications
- Not recommend for contact with oil-based caulking, polysulfide and fillers impregnated with oil, asphalt or tar
- Not paintable



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## Typical Uncured Physical Properties:

Color:	Clear and colorless	
Appearance:	Non-slumping paste	
Base:	Acetoxy silicone	
Odor:	Acetic acid (Use in a well-ventilated area)	
Specific Gravity:	1.007	
Flash Point:	>100°C (212°F)	
VOC Content:	79% by weight	CARB
Shelf Life:	24 months from date of manufacture (unopened)	
Lot Code Explanation:	<b>YYDDD</b>	
Printed on folded end of tube	<b>YY</b> = Last two digits of year of manufacture <b>DDD</b> = Day of manufacture based on 365 days in the year Example: 14061 = 61 <sup>st</sup> day of 2014 = March 2, 2014	

## Typical Application Properties:

Application Temperature:	Use between -34°C (-30°F) to 45°C (110°F)
Skin Time:	5-10 minutes*
Tack-Free Time:	< 25 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, flexible solid	
Service Temperature:	-60°C (-76°F) to 177°C (350°F) -60°C (-76°F) to 200°C (392°F)	Long-Term Exposure Short-Term Exposure
Water Resistant:	Yes, when fully cured	
Paintable:	No, will not accept paint	
Hardness:	18	Shore A
180° Peel Adhesion:		ASTM D903
Aluminum to Stainless Steel:	2.45 N/mm (14 pli)	

## Directions:

### Tools Typically Required:

Tooling device.

### Safety Precautions:

Apply and cure in a well-ventilated area, gloves.

### Preparation:

Use between -34°C (-30°F) and 45°C (110°F). Protect work area. Surfaces must be clean, dry and free of old caulk, grease, dust and other contaminants. Note: Paint will not adhere to adhesive. If desired, paint items prior to gluing. Remove cap. Puncture inner seal with other side of cap.

### Application:

#### As an adhesive:

Apply to one of the surfaces to be bonded. When bonding rubber or plastic surfaces, lightly roughen surface for best results. Press materials together. If possible, clamp parts together for full cure time of 24 hours.

#### As a sealant:

Apply with a steady pressure, forcing sealant into the joint. Tool within 5 minutes. Do not use in joints deeper than 12 mm (1/2") without the use of a backer rod. Use in joints between 6 mm (1/4") and 19 mm (3/4") wide.

#### For aquariums:

Apply a 6 mm (1/4") bead to the edge of glass, covering the thickness of the glass edge. Set glass on base and repeat procedure for all sides. All joints must be glass to sealant to glass with no entrapped air bubbles. Apply additional sealant to inside joints. Do not use in aquariums larger than 114 L (30 gallons) and/or aquariums containing water greater than 46 cm (18") in height.



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**Clean-up**

Clean tools and adhesive residue immediately with mineral spirits. 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:**

**FUMES MAY BE HARMFUL.** Do not breathe fumes. Use only in a well ventilated area. Avoid contact with eyes and skin. In case of contact, flush with clean water. Wash hands with soap and water after use. **KEEP OUT OF REACH OF CHILDREN.**

Refer to 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.



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