



TECHNICAL DATA SHEET

LOCTITE
POLYSEAMSEAL®
SPEED SEAL™
 Silicone Sealant

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DESCRIPTION

Loctite® Polyseamseal® Speed Seal™ is a 100% silicone formulation that creates a tough, watertight, mildew resistant seal. It makes fast work of sealing your kitchen and bath and has a fast-dry system that withstands water contact 2 hours after application. Speed Seal™ withstands temperature extremes of -30°F (-34°C) to 250°F (121°C) and is highly resistant to ultraviolet light and other environmental elements. It forms a weatherproof bond to materials like glass, ceramics, aluminum, primed steel, and some plastics.

RECOMMENDED FOR

Sealing around bathtubs, sinks, shower stalls, tiles and plumbing fixtures. Excellent adhesion to ceramic, porcelain, glass, fiberglass composites, enamel, aluminum, stainless steel, wood and wallboard.

NOT RECOMMENDED FOR

- Applying at temperatures below 40°F (5°C) and above 120°F (49°C)
- Architectural joints, joints subject to heavy abrasion or wear or tuck pointing
- Use below the water line, for setting mirror tiles, in aquariums, on stove pipes, furnaces, brick, masonry, copper, brass, galvanized metals or zinc
- Joints deeper than ½" without use of a backer rod

FEATURES & BENEFITS

Feature	Benefits
Fast dry silicone system.....	Can shower in 2 hours
Contains Mildewcide.....	Inhibits mold & mildew growth
Water Resistant.....	Ideal for humid or steamy areas
No cracking, peeling or shrinking.....	One-time application

COVERAGE

A 10 oz. (295 mL) cartridge will extrude approx. 31 ft. (9.3 m) of a ¼" (6 mm) bead.

DIRECTIONS

Tools Typically Required:
 Utility knife, caulking gun and tooling device.

Safety Precautions:
 Well ventilated area. Wear gloves.

Color	Item #	Package	Size
White	1508976	Plastic Cartridge	10 oz.
Clear	1508977	Plastic Cartridge	10 oz.

DIRECTIONS

Preparation:

Apply sealant between 40°F (5°C) and 120°F (49°C). Surfaces must be clean, dry and free of old caulk, grease, dust and other contaminants. Paint area before applying sealant, as silicone is not paintable. Mask both sides of the joint. Cut the tip off the cartridge at a 45° angle to desired bead size (minimum of 1/8").

Application:

Using a caulking gun, apply sealant with steady pressure forcing the sealant into the joint. Tool bead immediately. Do not use in joints deeper than 1/2" (12 mm) without the use of a backer rod. Remove masking tape immediately after tooling and wipe excess off of hands and tools before washing. Avoid contaminating any surfaces that will be painted with silicone.

Clean-up

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

STORAGE AND DISPOSAL

Not damaged by freezing. Store in temperatures above 40°F (5°C) and below 100°F (38°C). Allow any unwanted product to harden and dispose with trash or use an approved household hazardous waste facility.

LABEL PRECAUTIONS

CAUTION! Contains acetoxysilanes. Prolonged or repeated contact with uncured sealant causes eye, skin and respiratory irritation. Use with adequate ventilation. Acetic acid, which irritates eyes and respiratory tract, is released during curing. Do not get in eyes or on skin or clothing. Remove contact lenses before using sealant. Wash hands after use. **FIRST AID:** In case of skin contact wipe off and wash with soap and water. In case of eye contact flush with water for 15 minutes, call a physician immediately. In case of respiratory difficulty, remove to fresh air and call physician if symptoms develop or persist. If swallowed, do induce vomiting; call physician or Poison Control Center. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

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 or White	<u>Application Temperature:</u>	Apply between 40°F (5°C) and 120°F (49°C)
<u>Appearance:</u>	Lump-free paste	<u>Tack-Free Time:</u>	8 to 10 minutes
<u>Base:</u>	Acetoxy Silicone	<u>Cure Time:</u>	2 hours (For a 2.5 mm depth of sealant)
<u>Odor:</u>	Acetic Acid	<u>Extrusion Rate:</u>	130 g/min (At 90psi)
<u>Specific Gravity:</u>	1.03	<u>Boeing Sag:</u>	≤ 12.7 mm (After 2 minutes)
<u>Flash Point:</u>	> 199°F (93°C)		
<u>VOC Content:</u>	3.9% or 39.4 g/L		
<u>Shelf Life:</u>	24 months from date of manufacture (Unopened)		
<u>Lot Code Explanation:</u>	YY / DDD YY = Last two digits of Year of Manufacture DDD = Day of Manufacture based on 365 days in one year		
(Lot code is printed on cartridge body)			
	For example: 09061 = 61 st day of 2009 = March 2, 2009		

Typical Cured Performance Properties

<u>Color:</u>	Clear or White	<u>Tensile Strength at Break:</u> (7 day, ASTM D412)	≥ 0.8 N/mm ² (116 psi)
<u>Elongation at Break:</u> (7 day, ASTM D412)	≥ 400%	<u>Service Temperature:</u>	-30°F (-34°C) to 250°F (121°C)
<u>Shore A Hardness:</u> (7 day)	≥ 11		