



TECHNICAL DATA SHEET

POLYSEAMSEAL®

**Enhanced Silicone Technology
SPEED SEAL**

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DESCRIPTION

Polyseamseal Enhanced Silicone Technology 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. Polyseamseal Speed Seal withstands temperature extremes of -30°F to 250°F 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

- Applications 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 1/2" 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

Color	Item #	Package	Size
White	1064014	Plastic Cartridge	10 oz.
Clear	1064013	Plastic Cartridge	10 oz.

COVERAGE

A 10 oz. (300 mL) cartridge will extrude approx. 31 ft. (9.5 m) of a 1/4" (6 mm) bead.

DIRECTIONS

Tools Typically Required:

Utility knife, caulking gun and tooling device.

Safety Precautions:

Well-ventilated area. Gloves.

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 12 mm (1/2") 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.

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Clean-up

Clean tools and sealant residue immediately with mineral spirits. Cured sealant may be carefully cut away with 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.

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>	Translucent 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 20 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> (At 90psi, 25°C)	334.17 g/min
<u>Specific Gravity:</u> (Gardner Cup, ASTM D1875)	1.02 to 1.07	<u>Boeing Sag:</u> (After 2 minutes)	1.18 mm
<u>Flash Point:</u>	> 200°F (93°C)		
<u>VOC Content:</u> White:	3.9% or 39.4 g/L		

Cured Performance Properties

<u>Color:</u>	Transparent glossy or white	<u>Tensile Strength:</u> (ASTM D412)	Minimum 0.8 N/mm ² (116 psi)
<u>Elongation:</u> (ASTM D412)	650%	<u>Service Temperature:</u>	-30°F (-34°C) to 250°F (121°C)
<u>Shore A Hardness:</u>	11 (Minimum)		