



# TECHNICAL DATA SHEET



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## DESCRIPTION

Polyseamseal® Ever Bright™ is a 100% waterproof silicone with a triple action protection system that guards the cured sealant against mold and discoloration for 5 years. While most traditional bathroom sealants claim anti-microbial protection, most show signs of deterioration within the first year after application.

The Triple Action Protection defends the sealant against mold in 3 ways:

- 1) Prevents mold from adhering to sealant
- 2) Resists the spread of mold on sealant
- 3) Inhibits mold growth on cured seal for 5 years

## RECOMMENDED FOR

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

## LIMITATIONS

- The joint must be cleaned and maintained regularly. Do not use oxidizing detergents such as hydrogen peroxide, for cleaning cured sealant. May cause discoloration.
- Paint area to be sealed before applying sealant as silicone is not paintable. Test on painted surfaces before use.
- Not for use in areas that come into direct contact with food.
- Not recommended for applications requiring continuous water immersion such as, swimming pools or aquariums. Not suitable for exterior applications.
- Not recommended for use on natural stone such as marble or granite.
- Not recommended for applications on PTFE (Teflon®) or polyethylene.
- Apply and store in temperatures between 40°F (4°C) and 105°F (40°C)
- Not suitable for architectural joints, joints subject to heavy abrasion or wear or for tuck pointing.
- Do not use for setting mirror tiles, on stove pipes or furnaces.
- Do not use for joints greater than 1/2" without the use of a backer rod.

## FEATURES & BENEFITS

Color	Item #	Package	Size
White	1167026	Plastic Cartridge	10 oz. (295 mL)
White	1118217	Plastic Cartridge	10 oz. (295 mL)

Feature	Benefits
Triple action protection.....	Prevents mold and mildew growth in 3 steps keeping the sealant mold free for 5 years!
Neutrally curing silicone sealant.....	Low odor sealant
Water Resistant.....	Ideal for humid or steamy areas
Great adhesion properties.....	Bonds well on plastic substrates, especially on PMMA without the need for a primer
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 1/4" (6 mm) bead.

**POLYSEAMSEAL®**  
**EVER BRIGHT™**  
**Active Silicone Sealant**

## DIRECTIONS

### **Tools Typically Required:**

Utility knife, caulking gun, tooling device and masking tape.

### **Safety Precautions:**

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

### **Preparation:**

Apply sealant between 40°F (4°C) and 105°F (40°C). Surfaces must be clean, dry and free of old sealant, mold, soap residue, dust and other contaminants. Paint area before applying sealant, as silicone is not paintable. For best results, apply masking tape on both sides of the joint prior to sealing. Cut off tip of cartridge above screw threads. Screw on nozzle, remove the cap and cut the tip off the cartridge nozzle just above the threads to desired bead size.

### **Application:**

Using a caulking gun, apply sealant with steady pressure forcing the sealant into the joint. Tool bead within 5 to 10 minutes before the sealant skins over. For tooling, a dilute solution of water and mild detergent can be used. Do not use in joints deeper than ½" (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. Protect the sealant from water until it is well skinned (3 hours minimum waiting period is recommended). Wait at least 24 hours before showering.

### **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. For optimal performance, store product at temperatures above 40°F (4°C) and below 105°F (40°C). Allow any unwanted product to harden and dispose with trash or use an approved household hazardous waste facility.

## PRECAUTIONS

**WARNING!** Contains methyltrimethoxysilane, t-butyl titanate and amine. May be harmful if directly inhaled or swallowed. Methanol and t-butyl alcohol are formed during application and curing, which may cause dizziness, headache or nausea. Prolonged or repeated contact with uncured sealant causes eye, skin and respiratory irritation. Use with adequate ventilation. Avoid prolonged exposure to vapors/fumes. Do not get in eyes or on skin or clothing. Remove contact lenses before using sealant. Prolonged or repeated skin contact may cause sensitization. Persons with previous allergic reactions to amines should avoid contact with this product. Wash hands after using. Wear gloves when applying product. **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. If affected by inhalation, remove to fresh air and call physician if symptoms develop or persist. If swallowed, do not 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>	White	<u>Application Temperature:</u>	Apply between 40°F (4°C) and 105°F (40°C)
<u>Appearance:</u>	Lump-free paste	<u>Skin Formation Time:</u>	Approx. 10 minutes (At 73°F / 23°C and 50% Relative Humidity)
<u>Base:</u>	Alkoxy Silicone	<u>Curing Speed:</u>	A 0.2" (5 mm) bead cures in approximately 2 to 3 days.  Cure time is dependent upon temperature, humidity and thickness of bead applied.
<u>Odor:</u>	Neutral	<u>Slump Resistance:</u>	≤ 0.08 inches (≤ 2 mm)
<u>Specific Gravity:</u>	1.17	<u>Maximum Recommended Joint Width:</u>	1.2" (30 mm)
<u>Flash Point:</u>	> 212°F (100°C)		
<u>VOC Content:</u>	2.7% or 27 g/L		

Typical Cured Performance Properties			
<u>Color:</u>	White	<u>Service Temperature:</u>	-58°F (-50°C) to 248°F (120°C)
<u>Modulus at 100% Elongation:</u> (DIN EN 28339-A)	≤ 44 psi (≤ 0.3 N/mm <sup>2</sup> )	<u>Maximum Deformation:</u>	25%
<u>Shore A Hardness:</u> (DIN 53505)	10		
<u>Volume Shrinkage:</u> (DIN EN ISO 10563)	≤ 15%		