



# TECHNICAL DATA SHEET



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## DESCRIPTION

Loctite® Polyseamseal® Tub & Tile Adhesives Caulk is a premium quality, water-based adhesive caulk that provides a water-tight seal around sinks, tubs and other kitchen and bathroom fixtures. Extra mildewcide is added to fight unsightly mold and mildew growth on the cured caulk. The adhesive strength of Tub & Tile makes it ideal for installing back splashes and repairing loose tiles.

## RECOMMENDED FOR:

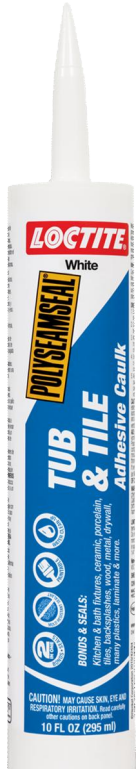
Sealing around bathtubs, sinks, shower stalls, tiles and plumbing fixtures. Excellent adhesion to ceramic, porcelain, glass, fiberglass composites, enamel, aluminum, stainless steel, wood, many plastics and wallboard.

## LIMITATIONS

- Do not apply at temperatures below 40°F (5°C) and above 100°F (38°C)
- Not recommended for continuous water immersion
- Do not use under shower door tracks, below water line, on mirrors or in aquariums
- Not for use in architectural joints, joints subject to heavy abrasion or wear or tuck pointing
- If joint size should exceed ¼" x ¼" use backing material
- Not for bonding two non-porous surfaces
- Do not apply outdoors when rain or freezing temperatures are expected within 24 hours

## FEATURES & BENEFITS

Feature	Benefits
Adhesive and Caulk in one.....	Product can be used for bonding and sealing applications
Contains mildewcide.....	Cured caulk will resist mold and mildew growth
Easy clean up.....	Uncured adhesive cleans up easily with soap and water
Permanently flexible and durable.....	Long lasting, professional finish
Water-resistant.....	Ideal for humid or steamy areas
Water-based product.....	Low odor and non-flammable
Available in 10 or 5.5 fl. oz. sizes.....	Two convenient sizes for different size projects



Color	Size	Packaging	Item #
White	5.5 oz.	Squeeze Tube	1515861
	5.5 oz.	Squeeze Tube	151862
	10 oz.	Plastic Cartridge	1515187
Clear	5.5 oz.	Squeeze Tube	1509360
	10 oz.	Plastic Cartridge	1509361
Almond	5.5 oz.	Squeeze Tube	1515769
	10 oz.	Plastic Cartridge	1515181

## COVERAGE

- For a ¼" (6 mm) bead:
- A 5.5 fl. oz. (163 mL) squeeze tube will extrude approx. 16.9 ft. (5.1 m)
  - A 10 fl. oz. (295 mL) cartridge will extrude approx. 30.6 ft. (9.3 m)

## DIRECTIONS

### Tools Typically Required:

Utility knife, caulking gun and tooling device.

### Safety Precautions:

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

**Preparation:**

Apply sealant between 40°F (5°C) and 100°F (38°C). Surfaces must be clean, dry and free of old caulk, grease, dust and other contaminants. To remove mildew, use a combination of bleach and detergent that does not contain ammonia. Rinse surface well and allow to dry prior to applying product. For neat bead lines, 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. Smooth bead immediately with a wet finger or a tool. Remove masking tape immediately after tooling and wipe excess off of hands and tools. Sealant is paintable with a latex or oil-based paint after 2 hours. Wait 24 to 48 hours before exposing to water. Note: Clear sealant will extrude white and then turn to clear as it cures.

**Clean-up**

Clean tools and sealant residue immediately with warm water and soap. Cured sealant may be carefully cut away with a sharp-edged tool.

**STORAGE AND DISPOSAL**

DAMAGED BY FREEZING. Store in temperatures above 40°F (5°C) and below 100°F (38°C). Take unwanted product to an approved household hazardous waste transfer facility. Hardened material may be disposed of with trash.

**PRECAUTIONS**

**CAUTION!** Wash hands after handling. Avoid contact with eyes and skin. Do not take internally. If swallowed, seek medical attention immediately. Keep from freezing. KEEP OUT OF THE 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.

**TECHNICAL DATA**

Typical Uncured Physical Properties		Typical Application Properties	
<u>Color:</u>	White and Almond (Note: Clear product extrudes white and turns to clear as it dries.)	<u>Application Temperature:</u>	Apply between 40°F (5°C) and 100°F (38°C)
<u>Appearance:</u>	Lump-free paste	<u>Skin Time:</u>	6 minutes
<u>Base:</u>	Acrylic latex	<u>Tool Time:</u>	10 to 20 minutes
<u>Odor:</u>	Mild	<u>Cure Time:</u>	24 hours to 2 weeks (Cure time is dependent on temperature, humidity and amount of product used.)
<u>VOC Content</u>			
Clear (5.5 oz. & 10 oz.):	1 wt% or 15 g/L		
White			
5.5 oz.:	1.15 wt% or 143 g/L		
10 oz.:	1.17 wt% or 143 g/L		
Almond			
5.5 oz.:	1.18 wt% or 154 g/L		
10 oz.:	1.19 wt% or 144 g/L		
<u>Shelf Life</u> (From date of manufacture, unopened)			
5.5 oz. squeeze tube:	18 months		
10 oz. cartridge:	24 months		

Lot Code Explanation: YYDDD  
YY = Last two digits of year of  
manufacture  
DDD = Day of manufacture  
based on 365 days in a year

Cartridge: Stamped on  
bottom edge of cartridge  
body.

Squeeze Tube: Imprinted on  
crimped edge of tube near  
hang hole.

For example: 09061  
= 61<sup>st</sup> day of 2009  
= March 2, 2009

### Typical Cured Performance Properties

<u>Color:</u>	White, Clear and Almond	<u>Service Temperature:</u>	-15°F (-16°C) to 170°F (77°C)
<u>Paintable:</u>	Yes, after 2 hours with a latex or oil-based paint.		
<u>Water Resistant:</u>	Wait until sealant is fully cured before exposing to water (24 to 48 hours).		