



TECHNICAL DATA SHEET



POLYSEAMSEAL® Caulk + Tub & Tile Kitchen and Bath Sealant

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DESCRIPTION

Loctite® Polyseamseal® Tub & Tile Caulk+ Kitchen and Bath Sealant is a premium quality, water-based adhesive caulk that provides a water-tight, crack-proof and scrub-resistant seal around sinks, tubs and other kitchen and bathroom fixtures. The adhesive strength of Tub & Tile makes it ideal for installing back splashes and repairing loose tiles. Extra mildewcide is added to fight unsightly mold and mildew growth on the cured caulk so it can be used in humid areas. Cured sealant can be painted.

RECOMMENDED FOR:

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

NOT RECOMMENDED FOR:

- 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 1/4" x 1/4" 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

COVERAGE

For a 1/4" (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)

Color	Item #	Packaging	Size
Clear	1509360	Squeeze Tube	5.5 oz
	1701538	Squeeze Tube	5.5 oz
	1723251	Squeeze Tube	5.5 oz
	1701538	Squeeze Tube	5.5 oz
	1723251	Squeeze Tube	5.5 oz
	1509361	Plastic Cartridge	10 oz
White	1515861	Squeeze Tube	5.5 oz
	1677284	Squeeze Tube	5.5 oz
	1723253	Squeeze Tube	5.5 oz
	1700022	Plastic Cartridge	10 oz
Almond	1723246	Squeeze Tube	5.5 oz
	1723240	Squeeze Tube	5.5 oz
	1515181	Plastic Cartridge	10 oz

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Caulk + Tub & Tile
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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.

LABEL PRECAUTIONS

CAUTION! Contains ethylene glycol, butyl acetate and crystalline silica. May cause skin, eye and respiratory irritation. Avoid contact with eyes and skin. Use with adequate ventilation. Do not swallow. **FIRST AID:** If swallowed do not induce vomiting; call a physician or Poison Control center. For eye contact flush with water for 15 minutes. For skin contact wash thoroughly with soap and water. If overcome by vapors, get fresh air. **KEEP OUT OF THE REACH OF CHILDREN.**

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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>Odor:</u>	Mild
<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>Viscosity:</u>		<u>Cure Time:</u>	24 hours to 2 weeks (Cure time is dependent on temperature, humidity and amount of product used.)
Clear:	200,000 – 250,000 cps		
White and Almond:	112,000 – 160,000 cps		
<u>Specific Gravity:</u>			
Clear:	1,06		
White:	1,30		
Almond:	1,245		

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VOC Content

Clear (5.5 oz. & 10 oz.): 1% by weight (15 g/L)

White

5.5 oz.: 1.15% by weight (143 g/L)

10 oz.: 1.17% by weight (143 g/L)

Almond

5.5 oz.: 1.18% by weight (154 g/L)

10 oz.: 1.19% by weight (144 g/L)

Shelf Life

(From date of manufacture)

5.5 oz. squeeze tube: 18 months (unopened)

10 oz. cartridge: 24 months (unopened)

Lot Code Explanation:

YYDDD

YY = Last two digits of year of

Cartridge: Stamped on manufacture

bottom edge of cartridge DDD = Day of manufacture

body. based on 365 days in a year

Squeeze Tube: Imprinted on For example: 13061

crimped edge of tube near = 61st day of 2013

hang hole. = March 2, 2013

Typical Cured Performance Properties

Color: White, Clear and Almond

Service Temperature: -15°F (-16°C) to 170°F (77°C)

Paintable: Yes, after 2 hours with a latex or oil-based paint.

Water Resistant: Wait until sealant is fully cured before exposing to water (24 to 48 hours).