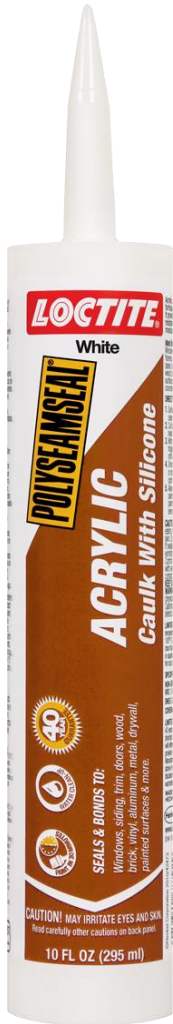




TECHNICAL DATA SHEET



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DESCRIPTION

Loctite® Polyseamseal® Acrylic Caulk with Silicone is a high quality acrylic caulk with added silicone to give extra durability and adhesion. Its fast set formulation is paintable within 30 minutes and provides a flexible seal that locks out air, moisture, dirt, dust and insects.

RECOMMENDED USES:

- Sealing gaps or cracks around windows, door frame, baseboards, walls and moldings
- Bonds to most common building materials such as wood, drywall, plaster, metals, brick, concrete, masonry and most painted surfaces

LIMITATIONS:

- Do not apply outdoors when rain or freezing temperatures are expected within 24 hours
- Do not use for architectural joints, horizontal joints subject to heavy abrasion or wear, expansion joints, or for tuck pointing
- Not suitable for underwater applications, permanent water immersion, or for aquariums and around swimming pools
- Not recommended for joints deeper than 1/4" without the use of a backer rod or in joints wider than 3/8"
- Do not use on mirrors and metals that will corrode

FEATURES & BENEFITS:

Feature	Benefits
Paintable in 30 minutes.....	Quick completion of project
Ultra-low VOC content.....	Environmentally safe, low odor
Water-based adhesive.....	Non-flammable, easy to use and tool
Easy cleanup with soap and water	Eliminates the use of harsh cleaning chemicals
Low odor.....	Ideal for indoor projects – no strong solvent odor

Color	Item #	Packaging	Size
White	1507595	Squeeze Tube	5.5 oz
	1507600	Plastic Cartridge	10 oz
Clear	1507593	Plastic Cartridge	10 oz
Almond	1507598	Plastic Cartridge	10 oz
Cedar	1507594	Plastic Cartridge	10 oz

Color	Item #	Packaging	Size
Dark Brown	1507596	Plastic Cartridge	10 oz
Gray	1507597	Plastic Cartridge	10 oz
Bronze	1507599	Plastic Cartridge	10 oz

COVERAGE:

For a 10 fl. oz. (295 mL) cartridge:
A 1/4" (6 mm) bead extrudes approximately 31 ft. (9.3 m).
A 3/8" (9.5 mm) bead extrudes approximately 13.6 ft. (4.1 m).

DIRECTIONS

Tools Typically Required:

Utility knife, caulking gun and tool to puncture inside seal of cartridge.

Safety Precautions:

Wear gloves.

Preparation:

The temperature of the product, the surfaces and the working area must be above 40°F (5°C). For best performance, apply sealant at 70°F (21°C). Ensure surfaces to be sealed are clean, dry, structurally sound and free of dust, dirt, frost, grease, oil, and other foreign contaminants. Cut off tip of cartridge at a 45° angle to desired bead size (3/8" recommended for exterior applications). Puncture inside seal of cartridge.

Application:

Using a caulking gun, apply steady trigger pressure forcing the sealant onto the surface and into the joint. Maximum joint size should not exceed 5/8" (15.9 mm) x 1/2" (12.7 mm). A width to depth ratio of 2:1 should be maintained. Smooth bead with a wet finger or tool. Allow to dry 30 minutes before painting with latex paint or 24 hours if using oil-based paints. Allow a minimum of 24 hours before exposing to water.

Note: Clear sealant will extrude white and will turn clear as it dries.

Clean-up:

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

STORAGE AND DISPOSAL

KEEP FROM FREEZING. Store in a cool, dry location at room temperature. For maximum shelf life store at 75°F (24°C). Take unwanted product to an approved household hazardous waste transfer facility. Hardened material may be disposed of with trash.

LABEL PRECAUTIONS

CAUTION! Contains dibenzoate esters. May cause eye, skin 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 with soap and water. If affected by inhalation, get fresh air.

KEEP OUT OF THE REACH OF CHILDREN.



WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov.

Refer to the 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. Henkel recommends purchasers/users should test the products to determine acceptable quality and suitability for the intended use. All adhesive/sealant applications should be tested under simulated or actual end use conditions to ensure the adhesive/sealant meets or exceeds all required project specifications. Since assembly conditions may be critical to adhesive/sealant performance, it is also recommended that testing be performed on specimens assembled under simulated or actual production conditions. 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>	Various Colors	<u>Application Temperature:</u>	Apply at temperatures between 40°F (5°C) and 100°F (38°C)
<u>Appearance:</u>	Non-slumping paste	<u>Odor:</u>	Mild acrylic odor
<u>Base:</u>	Synthetic Latex Rubber	<u>Maximum Joint Size:</u>	5/8" (15.9 mm) x 1/2" (12.7 mm)
<u>Specific Gravity:</u>		<u>Tooling / Open Time:</u>	15 minutes
Clear:	1.06	<u>Tack-Free Time:</u>	30 minutes
Bronze & Gray:	1.30		
Other colors:	1.69		

Typical Uncured Physical Properties		Typical Application Properties	
<u>VOC Content:</u>	1.5% by weight (< 30 g/L)	<u>Cure Time:</u>	2 to 7 days*
			*Cure time depends upon temperature, humidity, porosity of substrate and thickness of sealant applied.
<u>Shelf Life:</u>	24 months from date of manufacture (Unopened)	<u>Sag or Slump:</u> (ASTM D 2202)	Nil
<u>Lot Code Explanation:</u>	YYDDD YY = Last two digits of year of manufacture DDD = Day of manufacture based on 365 days in a year For example: 13061 = 61 st day of 2013 = March 2, 2013		
<i>(Squeeze Tube: Lot code is imprinted on crimped end of tube; Cartridge: Lot code is stamped on bottom edge of cartridge body)</i>			

Typical Cured Performance Properties

<u>Color:</u>	Various Colors
<u>Cured Form:</u>	Non-flammable solid
<u>Service Temperature:</u>	-5°F (-21°C) to 170°F (77°C)
<u>Paintable:</u>	Yes, after 30 minutes with latex-based paints and after 24 hours for oil-based paints.
<u>Shore A Hardness (ASTM C 661):</u>	65
<u>Peel Adhesion (ASTM C 794):</u>	
Aluminum (Dry)	10 pli
Aluminum (Wet)	12 pli
Glass (Dry)	8 pli
Glass (Wet)	11 pli
Wood (Dry)	8 pli
Vinyl (Dry)	3 pli
Vinyl (Wet)	7 pli
<u>Tensile Strength (ASTM D 412):</u>	134 psi
<u>% Elongation:</u>	210%
<u>Specifications:</u>	<ul style="list-style-type: none">▪ Qualifies for LEED® points▪ Meets ASTM C 834 specifications

For all commercial applications or applications not specifically outlined in this Technical Data Sheet please contact Technical Services Help Line:

Technical Questions call 1-800-624-7767 – Mon-Fri - 9:00am to 4:00pm ET
www.loctiteproducts.com



Loctite Brand is part of the Henkel family of brands. Founded in 1876, Henkel is a global leader in the consumer and industrial businesses. Henkel operates worldwide with leading brands and technologies in three business areas: Laundry & Home Care, Beauty Care and Adhesive Technologies.

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