

POLYSEAMSEAL® All-Purpose Adhesive Caulk

DESCRIPTION

LOCTITE® POLYSEAMSEAL® All-Purpose Adhesive Caulk is a premium grade water-based caulk designed to have the strength of an adhesive and the sealing characteristics of a caulk. POLYSEAMSEAL All-Purpose bonds to most indoor surfaces including wood, concrete, metal, ceramic, drywall, plaster, and some plastics. Easy to apply and tool. Environmentally safe, soap and water clean-up. Contains no silicone. Cured product is water-resistant, mold and mildew resistant and paintable

Available as:

Item #	Package	Size	Color
2139006	Squeeze Tube	5.5 oz	White
2154751	Plastic Cartridge	10 oz	White
2139007	Squeeze Tube	5.5 oz	Clear
2154740	Plastic Cartridge	10 oz	Clear
2137996	Plastic Cartridge	10 oz	Almond

FEATURES & BENEFITS

- 2-in-1 product possesses both bonding and sealing capabilities
- Sealant is mold and mildew resistant
- Sealant is paintable with a latex paint
- Water resistant sealant works in high humidity environments once cured
- Low VOC content
- Easy clean up with soap and water
- Sealant remains flexible for a durable professional finish

RECOMMENDED FOR

POLYSEAMSEAL® All-Purpose was designed to be a multiple use adhesive and caulk. Can be used for almost any household or remodeling project. Use for repairing or fixing loose moldings or tiles, securing backsplashes, setting sinks*, repairing or concealing small cracks in plaster, drywall or around moldings and baseboards. POLYSEAMSEAL® All-Purpose can even help to lower energy costs by sealing air leaks around windows and door sand other utility and plumbing penetrations.

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 or metals that will corrode

COVERAGE

A 5.5 fl. oz. (163 mL) cartridge will extrude:

- A 1/4" (6 mm) bead extrudes approx. 15 ft. (4.7 m)
- A 3/8" (9.5 mm) bead extrudes approx. 6.8 ft. (2.1m)

A 10 fl. oz. (295 mL) cartridge will extrude:

- A 1/4" (6 mm) bead extrudes approx. 31 ft. (9.3 m)
- A 3/8" (9.5 mm) bead extrudes approx. 13.6 ft. (4.1m)



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>	Viscous Liquid	<u>Odor:</u>	Acetate (White and Almond) Acrylic (Clear)
<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>	1.06 – 1.3	<u>Tack-Free Time:</u>	30 minutes*
<u>Sag or Slump:</u>	Nil	<u>Tooling Open Time:</u>	15 minutes*
<u>Viscosity:</u>	ASTM D 2202	<u>Cure Time:</u>	2 – 7 days** at 78°F (25°C) and 50% RH
Squeeze Tube:	112,000 – 160,000 cps	<u>Clean Up:</u>	Warm water and soap. Scrape away cured sealant using a sharp-edged tool.
Cartridge:	200,000 – 520,000 cps		
<u>VOC Content:</u>	≤ 1.5% by wt. CARB		
	≤ 152 g/l SCAQMD rule 1168		
<u>Shelf Life:</u>	24 months from date of manufacture (unopened)	<u>Lot Code Explanation:</u>	YYDDD YY = Last two digits of year of manufacture DD = Day of year based on 365 days per year Example: 22060 = March 1, 2022, is the manufacture date

*Time is dependent upon temperature, humidity, and depth of sealant applied

**Cure time is increased in cold temperatures and/or high humidity environments

Typical Cured Performance Properties			
<u>Color:</u>	Various	<u>Service Temperature:</u>	-5°F (-21°C) to 170°F (77°C)
<u>Cured form:</u>	Flexible solid	<u>Hardness (Shore A):</u>	65 ASTM C661
<u>Tensile Strength:</u>	134 psi ASTM D412	<u>Paintable:</u>	Yes, after 30 minutes with latex paint and after 24 hours with an oil-based paint
<u>%Elongation:</u>	210%	<u>Specifications:</u>	Meets ASTM C 834
<u>Peel Adhesion:</u>	ASTM C794		
<u>Aluminum (Dry)</u>	10 pli	<u>Wood (Dry)</u>	8 pli
<u>Aluminum (Wet)</u>	12 pli	<u>Vinyl (Dry)</u>	3 pli
<u>Glass (Dry)</u>	8 pli	<u>Vinyl (Wet)</u>	7 pli
<u>Glass (Wet)</u>	11 pli		

DIRECTIONS

Tools Typically Required:

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

Safety Precautions:

Wear gloves and wash hands after use.

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.

DIRECTIONS**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 & 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

For 5 oz squeeze tubes and 10 oz cartridges (Clear):

CAUTION! May irritate eyes and skin. Avoid contact with eyes and skin. Do not swallow. **FIRST AID:** If swallowed, call physician or Poison Control center. For eye contact flush with water for 15 minutes. For skin contact, wash with soap and water. **KEEP OUT OF THE REACH OF CHILDREN.**



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

Refer to the Safety Data Sheet (SDS) for further information

For 5 oz squeeze tubes and 10 oz cartridges (White and Almond):

CAUTION! Contains ethylene glycol, butyl acetate and crystalline. 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.**



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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 Sheet

Revision: 05/20/2022
Supersedes: 08/15/2017

Ref. #: 1514455, 1515018, 1514452, 957853/55

LIMITED WARRANTY

This product is warranted by Henkel Corporation to be free from defects in materials when used as directed. Henkel's sole obligation shall be, at its option, to replace or refund the purchase price of product proven to be defective. Henkel makes no other warranty – express or implied – including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE and will not be liable for consequential or incidental damages. This Limited Warranty gives you specific legal rights, which vary from state to state. For warranty assistance, contact Henkel at 1.800.624.7767 M-F 9:00 am to 4:00 pm ET.



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