



# TECHNICAL DATA SHEET



**Henkel Corporation**  
 Professional and Consumer Adhesives  
 Rocky Hills, CT 06067  
 Phone 1-800-624-7767  
 Fax (440) 250-9661  
[www.henkel.com](http://www.henkel.com) [www.loctiteproducts.com](http://www.loctiteproducts.com)

## DESCRIPTION

Loctite® Polyseamseal® Caulk 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.

## 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 and other utility and plumbing penetrations.

## LIMITATIONS:

- Do not apply at temperatures below 40°F (5°C) and above 100°F (38°C)
- Do not apply outdoors if rain or freezing temperatures are expected within 24 hours of application (exterior use limited to vertical surfaces only)
- Will not adhere well to surfaces previously sealed with a silicone caulk/sealant
- Not recommended for continuous water immersion or where standing water may occur
- Not for use below water line, in aquariums, under shower door tracks or between two non-porous surfaces
- Not for use in architectural joints, joints subject to heavy abrasion or wear, or for tuck pointing
- Not recommended in joints exceeding ¼" x ¼"
- Not recommended on joints having total movement greater than 7%
- Not for use on butt or field joints
- Do not use for installing under-mount sinks\*
- Do not use on mirrors or metals that will corrode

## FEATURES & BENEFITS:

Feature	Benefits
2-in-1 product.....	Possesses both bonding and sealing capabilities
Permanently flexible and durable.....	Long lasting, professional finish
Mold & mildew resistant seal.....	Helps inhibit mold & mildew growth on caulk surface
Easy clean up.....	Uncured adhesive cleans up easily with soap and water
Water-resistant.....	Ideal for humid or steamy areas when cured
Paintable .....	Sealant is paintable with a latex based paint.
Water-based product.....	Low odor, non-flammable

## COVERAGE

When applying 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)

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



## DIRECTIONS

### Tools Typically Required:

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

### Safety Precautions:

Apply and cure in a well ventilated area. Wear gloves and wash hands after use.

### Preparation:

Apply sealant above 40°F (5°C) and below 100°F (38°C). Surfaces must be clean, dry and free of old caulk, grease, dust, dirt, frost and any other foreign contaminants. Remove mold or mildew using bleach and detergent that does not contain ammonia. Rinse surface and allow to dry. For neat bead lines, mask both sides of the joint. Cut the tip off the cartridge or squeeze tube at a 45° angle to desired bead size (minimum of 1/4" or 6mm).

### Application:

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 hands and tools with a damp cloth before caulk dries. Sealant is paintable within 40 minutes depending on temperature and humidity. Allow at least 24 hours before exposing to water. Periodically clean cured sealant with non-abrasive cleaner for best appearance. **Note:** The clear product will extrude white turn clear as it dries, if exposed to water or moisture the sealant may turn white again.

### 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 & DISPOSAL

DAMAGED BY FREEZING. To maximize shelf life, store cartridge in a cool, dry place at 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: Cancer and Reproductive Harm – [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**

Refer to Safety Data Sheet (SDS) 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>	White, Almond (Clear product will extrude white and change 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, non-sag paste	<u>Odor:</u>	Mild acrylic odor
<u>Base:</u>	White, Almond Clear	<u>Skin Time:</u>	6 minutes*
	Polyvinyl Acetate (PVA) Acrylic latex	<u>Tooling/ Tack-free Time:</u>	10 to 20 minutes*
		<u>Cure Time</u>	24 hours to 2 weeks*

\*Time is dependent on temperature, humidity and amount of product used

## Typical Uncured Physical Properties

### Viscosity:

5.5 oz. squeeze tube      112,000 – 160,000 cps  
White                              200,000 – 250,000 cps  
Clear

10 oz. cartridge              360,000 to 520,000 cps  
White, Almond                200,000 to 250,000 cps  
Clear

### Specific Gravity:

White and Almond:          1.30  
Clear:                              1.06

### Flashpoint:

White and Almond:          180°F (82°C)  
Clear:                              Not Applicable

### VOC Content:

White - 5.5 oz.:                1.15% by weight (152 g/L)  
White - 10 oz.:                1.5% by weight (142 g/L)

Clear - 5.5 oz & 10 oz:      1.5% by weight (143 g/L)

Almond - 10 oz:                1.5% by weight (143 g/L)

### Shelf Life:

(From date of manufacture)   18 months (unopened)

### Lot Code Explanation:

YYDDD  
Cartridge: Stamped on bottom edge of cartridge body   YY = Last two digits of year of manufacture  
DDD = Day of manufacture based on 365 days in a year  
Squeeze Tube: Imprinted on crimped edge of tube near hang hole.      For example: 13061 = 61<sup>st</sup> day of 2017 = March 2, 2017

## Typical Cured Performance Properties

Color:                              White, Clear, Almond

Cured Form:                      Non-flammable solid

Service Temperature:          20°F (-7°C) to 170°F (77°C)

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

Paintable:                        Yes, after 40 minutes with a latex paint

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](http://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.

Henkel Corporation - Professional & Consumer Adhesives Headquarters - Rocky Hill, CT 06067  
[www.henkelna.com](http://www.henkelna.com)