



Clear Silicone Waterproof Sealant

Description: Loctite Clear Silicone Waterproof Sealant is a multipurpose adhesive and sealant which creates a waterproof, protective seal that is ideal for metal, glass, rubber, tile and porcelain. It is designed to be used indoors and outdoors to repair everything from electrical connections to seams on boots to stop leaks in wet weather. Loctite Clear Silicone Waterproof Sealant can be used to bond or repair saltwater or freshwater aquariums.

Available As:

| Item # | Size | Package |
|--------|-------------------|-------------|
| 908570 | 2.7 fl oz (80 ml) | Carded Tube |

Features & Benefits:

- Extreme Temperature Resistance
- Aquarium Safe
- Waterproof
- Gap Filling
- Impact Resistant and Flexible
- Multipurpose Adhesive/Sealant

Recommended For:

Loctite Clear Silicone Waterproof Sealant can be used for bonding ABS, glass, ceramic, porcelain, wood, aluminum, stainless steel, cultured marble, fiberglass, granite, vinyl tile, some rubbers and plastics. Use for sealing or repairing door frames, windows, vents, toys, appliances, gaskets, weather-stripping, outside of fireplace doors, shoes and boots.

Limitations:

- Not recommended for use on the following plastics: polyethylene, polypropylene, polytetrafluoroethylene (PTFE), polymethylmethacrylate (PMMA), polycarbonate or PVC
- Not recommended for use on marble, limestone, cement, concrete, brass, copper, magnesium, iron, zinc or galvanized metals
- Not paintable
- Not suitable for use on aquariums greater than 30 gallons (114 L) and/or containing water greater than 18" (46 cm) in height
- Not suitable for use below grade, stovepipe, chimney or fireplace applications
- Not suitable for contact with oil-based caulking, polysulfide and fillers impregnated with oil, asphalt or tar



TECHNICAL DATA SHEET

Typical Uncured Physical Properties:

| | | |
|----------------------------------|--|--|
| Color: | Clear | |
| Appearance: | Non-slumping paste | |
| Base: | RTV Acetoxy silicone | |
| Odor: | Acetic acid (apply and cure in a well-ventilated area) | |
| Specific Gravity: | 1.03 | |
| Flash Point: | >199.4°F (93°C) | |
| VOC Content: | 2.97% by weight 30 g/l | CARB SCAQMD rule 1168 |
| Shelf Life: | 24 months from date of manufacture (unopened) | |
| Lot Code Explanation: | For Example: | |
| Imprinted on crimped end of tube | LB5FAC569 5 = Last Digit in the Year of Manufacture 5 = 2015 (i.e. 4 = 2014, 5 = 2015, etc.) F = Month produced (see chart at right) F = June June 2015 is the date of manufacture | A – January B – February C – March D – April E – May F – June G – July H – August J – September K – October L – November M – December |

Typical Application Properties:

| | |
|--------------------------|---|
| Application Temperature: | -35°F (-37°C) to 140°F (60°C) |
| Working Time: | 5-10 minutes* |
| Tack-Free Time: | 2 hours* |
| Cure Time: | 24 hours* |
| | *Times are dependent on temperature, humidity, porosity of surface bonded and amount of adhesive used |

Typical Cured Performance Properties:

| | | |
|----------------------|--|---|
| Color: | Clear and Colorless | |
| Cured Form: | Non-flammable, semi-flexible solid | |
| Service Temperature: | -76°F (-60°C) to 350°F (177°C) -76°F (-60°C) to 392°F (200°C) | Long Term (Continuous) Exposure Short Term (Intermittent) Exposure |
| Water Resistant: | Yes | |
| Paintable: | No | |
| Tensile Strength: | ≥220 psi (1.5 N/mm ²) | ASTM D412 |
| Elongation: | ≥350% | ASTM D412 |
| Hardness: | ≥20 | ASTM D2240, Durometer A |

Directions:

Tools Typically Required:

Tooling device.

Safety Precautions:

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

Preparation:

Use between -35°F (-37°C) and 140°F (60°C). Protect work area. Surfaces must be clean, dry and free of old caulk, grease, dust and other contaminants. Note: Paint will not adhere to silicone. If desired, paint items prior to gluing. Remove cap. Puncture inner seal with other side of cap. Attach nozzle and cut to desired bead size (3 oz. tube only).

Application:

As an adhesive:

Apply to one of the surfaces to be bonded. When bonding rubber or plastic surfaces, lightly roughen surface for best results. Press materials together. If possible, clamp parts together for full cure time of 24 hours.





TECHNICAL DATA SHEET

As a sealant:

Apply with a steady pressure, forcing sealant into the joint. Tool within 5 minutes. Do not use in joints deeper than 12 mm (1/2") without the use of a backer rod. Use in joints between 1/4" and 3/4" wide.

For aquariums:

Apply a 1/4" bead to the edge of glass, covering the thickness of the glass edge. Set glass on base and repeat procedure for all sides. All joints must be glass to sealant to glass with no entrapped air bubbles. Apply additional sealant to inside joints. Do not use in aquariums larger than 30 gallons (114 L) and/or aquariums containing water greater than 18" (46 cm) in height.

Clean-up

Clean tools and adhesive residue immediately with mineral spirits. Cured sealant may be carefully cut away with a sharp-edged tool.

Storage & Disposal:

NOT DAMAGED BY FREEZING. Store away from heat, flame and spark in a cool, well-ventilated area. Use an approved hazardous waste facility for disposal.

Label Precautions:

WARNING! Contains petroleum distillate, alkyl acetoxysilane and acetic acid. Acetic acid, which irritates eyes, skin, and respiratory tract, is released during curing. Avoid breathing vapors. Use with adequate ventilation. Do not get in eyes, on skin, or on clothing. **FIRST AID:** In case of skin contact wipe off and wash with soap and water. In case of eye contact flush with water for 15 minutes, call a physician immediately. For respiratory difficulty, move to fresh air. If swallowed, do not induce vomiting. Call a physician immediately. **KEEP OUT OF THE REACH OF CHILDREN.**

Refer to the 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. 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.



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For over 50 years, Loctite Brand adhesives and sealants have taken on the toughest jobs. Used in race cars, airplanes, and even in the space-shuttle, Loctite provides solutions for the most demanding industrial, professional and consumer applications. Loctite gives you not the specialization, power and performance to not only get your job done, but to get it done right.

1-800-624-7767 – Mon-Fri - 9:00a – 4:00p ET

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