



Technical Data Sheet

Revision: January 1, 2025
Supersedes: New
Ref. #: 826040, 826042

Interior Seal Silicone Sealant

DESCRIPTION

GE Interior Seal is a premium grade silicone sealant designed for many common kitchen and bath applications offering strong adhesion and excellent flexibility. Interior Seal can be exposed to water in as little as 30 minutes and resists mold and mildew growth with a lifetime mold-free product protection.

Available as:

Item #	Country	Package	Size	Color
3019866	USA	Squeeze tube	2.8 fl. oz. (83 mL)	White
3019883	USA	Squeeze tube	2.8 fl. oz. (83 mL)	Clear

FEATURES & BENEFITS

- Formulated for kitchen and bath projects
- Water resistant – can be exposed to water in 30 minutes ^[1]
- Meets ASTM C-920, Class 50 specifications
- Mold-free product protection ^[2]
- Easy to use
- Shrink and crack proof

RECOMMENDED FOR

Interior Seal is designed for sinks, showers, baths and countertops, fixtures, tile, backsplash, and plumbing applications. This product adheres to common kitchen and bath materials including most metals, plastics and woods, glass, drywall, plaster, granite, cultured marble, ceramic and porcelain tile, some natural stones, cement board, laminate, fiberglass, aluminum, and many coated/painted surfaces, as well as metal finishes such as chrome, bronze & nickel.

Some materials may cause discoloration on the surface of sealant/substrate. Test before use.

LIMITATIONS

Should not be considered:

- For structural repairs
- For use underwater or in other applications where the product will be in continuous contact with water
- For use in food contact applications (direct or indirect)
- For use in aquariums
- For use on surfaces with special coatings, such as mirrors, without approval of the article's manufacturer
- On contaminated surfaces
- On excessively basic or acidic substrates
- For use as a traffic bearing sealant or as chinking on log homes
- For use under shower door tracks, or as a spackling compound.
- For use with fillers impregnated with oil, asphalt, tar, or any other migratory saturates

COVERAGE

For a 2.8 fl. oz. (162 mL) squeeze tube:

- A ¼" (6 mm) bead extrudes approx. 13 lin. ft. (4 m)
- A 3/8" (9.5 mm) bead extrudes approx. 3.7 lin. ft. (1.1 m)

[1] Exposure to water possible in 30 minutes with bead size max 3/16" (4.8 mm), temperature min 65°F (18.3°C) and humidity min 50%. Otherwise, sealant should not be exposed to water for 8 hours. Do not touch or clean sealant for 24 hours, or until fully cured.

[2] Fully cured sealant is resistant to stain-causing mold & mildew. Regular cleaning of sealant is required, as soap and other residue can cause secondary mold and mildew growth on surfaces.



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TECHNICAL DATA

Typical Uncured Physical Properties		Typical Application Properties	
<u>Colors:</u>	White and clear/colorless**	<u>Application Temperature:</u> (substrate & ambient)	Apply between -30°F (-34°C) and 110°F (43°C)
<u>Appearance:</u>	Non-slumping paste	<u>Tooling / Open Time:</u>	5 – 10 minutes*
<u>Base:</u>	Neutral curing silicone	<u>Tack Free Time:</u>	30 minutes*
<u>Odor:</u>	Light alcohol	<u>Cure Time:</u>	24 hours*
<u>VOC Content:</u>	2.34 % by weight 27 g/L	<u>Clean Up:</u>	Clean up uncured sealant residue immediately using mineral spirits. Cut or scrape away cured sealant using a sharp-edged tool.
<u>Shelf Life:</u>	18 months from date of manufacture (unopened) Use by date is printed on crimping of squeeze tube		

* At 73°F (23°C) and 50% relative humidity. Time is dependent on temperature, humidity, porosity of substrate, and thickness of bead applied. Cure time is significantly increased in cold temperatures and/or low humidity conditions.

Typical Cured Performance Properties

<u>Colors:</u>	White and clear/colorless**	<u>Service Temperature:</u>	-60°F to 400°F (-51°C to 204°C)
<u>Cured form:</u>	Non-flammable, rubbery solid	<u>Paintable:</u>	No
<u>Water Resistant:</u>	Yes, 30-minute water ready ^[1]	<u>Joint Movement Capability:</u>	± 50% ASTM C719
<u>Specifications:</u>	ASTM C-920, Type S, Grade NS, Class 50, Use G & O test requirements Federal Spec. TT-S-00230C; TT-S-001543A		

**Clear/colorless is not descriptive of sealant transparency. Thickness of applied bead will impact clarity of the cured product.

DIRECTIONS

Tools Typically Required:

GE Cartridge and Tube Opener and Smoothing Tool; or utility knife.

Safety Precautions:

Wear gloves and wash hands after use.

Surface Preparation:

- Surfaces must be clean, dry, structurally sound and free from dirt, dust, grease, oil, mildew, or other contaminants likely to impair adhesion prior to application of the sealant. Cleaning of surfaces should be done within 1 to 2 hours before sealant is to be applied to allow surfaces to dry. For best performance store product at room temperature at least 24 hours before use.
- For cleaning a solvent-dampened, clean rag usually produces the desired result. Isopropyl alcohol (IPA) is a commonly used solvent and has shown to be effective for most substrates. When handling solvents, refer to manufacturer's SDS for information on handling, safety, and personal protective equipment.
- Use backer rod for gaps wider than 3/8" (9.5 mm) x 3/8" (9.5 mm) depth. A width to depth ratio of 2:1 should be maintained.
- Some materials, such as concrete, soft woods, stone, specially treated metals, plastics, or other man-made materials, might have unpredictable surface characteristics. Therefore, we recommend testing for adhesion by applying the caulk/sealant to a small area before proceeding with an entire job.
- Some materials may cause discoloration on the surface of sealant/substrate. Compatibility testing prior to use is recommended.

Masking: Masking tape may be used, if desired, to ensure a neat job and to protect adjoining surfaces from over-application of sealant. Masking tape should be removed immediately after tooling the sealant and before the sealant begins to skin over (Tooling/Open time).



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DIRECTIONS

Application:

- Cut nozzle to obtain desired bead size using GE Cartridge and Tube Opener and Smoothing Tool, or utility knife.
- Apply sealant at temperature above -30°F (-34°C) in a continuous operation applying a positive pressure adequate to properly fill and seal the seam, cavity, or joint. Sealant beads should not be thicker than ½" (12.7mm) or thinner than 1/8" (3.2 mm), using a width-to-depth ratio of 2:1.
- Smooth or tool the sealant into gap within 5 – 10 minutes of application, applying light pressure to spread the material against the joint surfaces to ensure a void-free application. Do not use soapy water as a tooling aid. Do not over tool or tool too thin. Doing so will have a negative impact on sealant integrity and performance. When tooling, use care not to spread the sealant over the face of the substrates adjacent to the joint or masking.
- Wipe hands and tools before washing. Clean uncured sealant residue immediately using mineral spirits[†] or paint thinner[†]. Excess sealant should be removed immediately.

NOTE:

- Some materials that bleed plasticizers or oils can cause a discoloration on the surface of sealants. When sealing to or over items such as: rubberized gaskets, bituminous based materials, butyl or oil-based products, oily woods, tapes, etc., compatibility testing prior to use is recommended.
- It is the user's responsibility to test substrate compatibility and the adhesion of the cured sealant on a test joint before applying to the entire project.
- Customers must evaluate GE products and make their own determination as to fitness of use in their particular application.
- In addition to the guidelines provided on this datasheet, Henkel Corporation recommends that designers and users of Interior Seal familiarize themselves with the latest editions of the following industry guidelines and best practices:
 - 1.) ASTM C1193 Standard Guide for Use of Joint Sealants.

Clean up:

Clean uncured sealant residue immediately using mineral spirits[†] or paint thinner[†]. Cut or scrape away cured sealant using a sharp-edged tool.

[†]Mineral spirits and alcohols are flammable and should be used away from sparks, flames, and other ignition sources. Only use solvents in a well-ventilated area and follow all safety precautions and instructions listed on the product label or as otherwise provided by the manufacturer.

STORAGE & DISPOSAL

NOT DAMAGED BY FREEZING. Store unopened containers in a cool, dry, well-ventilated area away from heat, sparks, and direct sunshine under standard conditions. Standard storage conditions are defined as 72 ± 4°F (22 ± 2°C) and < 50% relative humidity. Elevated temperatures or extreme cold temperatures will reduce shelf life. In cool or cold weather, store container at room temperature for at least 24 hours before using. Keep container tightly closed until ready for use. Use an approved hazardous waste facility for disposal. Hardened material may be disposed of in the trash.

LABEL PRECAUTIONS

WARNING! UNCURED SEALANT IRRITATES EYES, SKIN, AND RESPIRATORY TRACT.

CAUTION! Contains petroleum distillates, ethoxy terminated silsesquioxanes, and silanes. Methanol is released during application and cure, which may affect the nervous system causing dizziness, headache, or nausea. Prolonged or repeated skin contact with uncured product may cause irritation. Do not get in eyes on skin or clothing. Gloves are recommended to prevent skin contact. Remove contact lenses before using. Wear safety glasses. Use with adequate ventilation. Do not swallow.

FIRST AID: For eye contact flush immediately with water for 15 minutes. Seek medical attention immediately. Call a physician if irritation develops and persists. For skin contact, wipe off with paper towel or cloth. Wash with water and soap immediately. If affected by inhalation, move to fresh air and get medical attention if symptoms develop or persist. If ingested, DO NOT induce vomiting; call a physician or Poison Control Center immediately. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**



WARNING: Risk of cancer and reproductive harm. See www.P65Warnings.ca.gov

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



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