



# Technical Data Sheet

Revision: June 1, 2024  
Supersedes: September 15, 2022  
Ref. #: 253795, 426871

## Advanced Siliconized Acrylic Kitchen & Bath Sealant

### DESCRIPTION

GE branded Advanced Siliconized Acrylic Kitchen & Bath Sealant allows you to create paintable seals without compromising on performance. This premium sealant offers reliable waterproof protection and lasting mold resistance, making it ideal for painting projects and jobs that are susceptible to humidity and moisture. It has strong adhesion to common kitchen and bathroom surfaces, including most metals, plastic, wood, glass, drywall, plaster, granite, cultured marble, ceramic and porcelain tile, natural stone, Formica, painted surfaces, and more. Thanks to its excellent flexibility and durability, this sealant resists cracking, even after painting, and is scrubbable once cured, helping maintain a long-lasting, professional finish.

#### Available as:

Item #	Country	Package	Size	Color
2864197	USA	Plastic cartridge	10 fl. oz. (295 ml)	White
2864196	USA	Plastic cartridge	10 fl. oz. (295 ml)	Clear

### FEATURES & BENEFITS

- Paintable performance combined with waterproof protection
- 24-hour water-ready<sup>[1]</sup>
- 30-minute paint-ready<sup>[2]</sup>
- Easy to apply and tools smoothly
- Long-lasting mold-resistant<sup>[3]</sup> sealant
- Washout resistant<sup>[5]</sup> and scrubbable
- Excellent flexibility<sup>[4]</sup> for durable, crack-resistant seals
- Low odor
- Exceeds ASTM C-920, Type-S, NS, Class 25
- Ideal for caulking in kitchen, bathroom, and other household projects
- Easy soap and water cleanup

### RECOMMENDED FOR

Advanced Siliconized Acrylic Kitchen & Bath Sealant is used in a wide variety of applications including, but not limited to walls, backsplashes, countertops, around fixtures, tubs, tile, and plumbing. May be used on common kitchen and bath materials including most metals, plastics, and woods, glass, drywall, plaster, granite, cultured marble, ceramic and porcelain tile, natural stone, cement board, composites, Formica, fiberglass, aluminum, and painted surfaces.

### 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 mirrors, under shower door tracks, or as a spackling compound
- On frozen or contaminated surfaces
- Under exceedingly hot or cold conditions (see Sealant Application section for additional information)
- On excessively basic or acidic substrates
- For use on surfaces that are above 100°F (38°C)
- For use on surfaces with special coatings, such as mirrors, without approval of the article's manufacturer

### COVERAGE

#### For a 10 fl. oz. (295 ml) cartridge:

- A 1/4" (6 mm) bead extrudes approx. 31 ft. (9.4 m)
- A 3/8" (9.5 mm) bead extrudes approx. 13.7 ft. (4.2 m)



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## TECHNICAL DATA

Typical Uncured Physical Properties		Typical Application Properties	
<u>Colors:</u>	White and Clear <b>Note:</b> Clear extrudes white but turns clear as it dries	<u>Application Temperature:</u>	Apply at ambient temperatures above 40°F (5°C) and below 100°F (38°C) Surface temperatures must be above 40°F (5°C)
<u>Appearance:</u>	Non-slumping paste	<u>Odor:</u>	Mild acrylic
<u>Base:</u>	Elastomeric Acrylic/ Urethane Latex polymers	<u>Tooling / Open Time:</u>	5-10 minutes*
<u>Specific Gravity:</u>	1.224 (white), 1.267 (clear)	<u>Skin Time /Tack Free:</u>	30-60 minutes*
<u>Viscosity:</u>	200,000 - 300,000 cp	<u>Cure Time:</u>	1-14 days or longer*
<u>VOC Content:</u>		* At 73°F (23°C) and 50% relative humidity. Time is dependent on temperature, humidity, porosity of substrates and depth of sealant applied. Cure time is significantly increased in cold temperatures and/or low humidity conditions.	
White:	< 0.1% by weight CARB < 5 g/l SCAQMD rule 1168	<u>Clean Up:</u>	Clean up uncured sealant residue immediately with warm, soapy water. Cut or scrape away cured sealant using a sharp-edged tool.
Clear:	0.4% by weight CARB 63 g/l SCAQMD rule 1168		
<u>Shelf Life:</u>	24 months from date of manufacture (unopened)		

Lot Code Explanation: YYDDD – ###  
YY = Last two digits of year of manufacture  
DDD = Day of manufacture based on 365 days per year  
Example: 20082 = March 23, 2020 is the date of manufacture and March 23, 2022 is the expiration date

## Typical Cured Performance Properties

<u>Colors:</u>	White or Clear only	<u>Service Temperature:</u>	-5°F (-21°C) to 170°F (77°C)
<u>Cured form:</u>	Non-flammable, rubbery solid	<u>Shore A Hardness:</u>	24 ± 5      ASTM C661
<u>Water Resistant:</u>	Yes, 24-hour water ready <sup>[1]</sup>	<u>Elongation at Break:</u>	Full Cure - 30 days at 122°F: 468 ± 38%      ASTM D412 Die C
<u>Paintable:</u>	Yes <sup>[2]</sup>	<u>Tensile Strength at Break:</u>	(Clear) Full Cure - 30 days at 122°F: 302 ± 5 psi      ASTM D412 Die C
<u>Shrinkage:</u>	≤ 30% (Clear)		
<u>Movement Capability:</u>	± 25%      ASTM C719		

Specifications: Exceeds the performance requirements of: ASTM C-920, Type S, Grade NS, Class 25, Use NT, A test requirements

- [1] Exposure to water possible in 24 hours with bead size max 3/16", temperature min 65°F (18.3°C) and humidity min 50%. Otherwise, sealant should not be exposed to water until fully cured. Do not touch or clean caulk for 24 hours, or until fully cured, unless applying paint
- [2] Sealant can be painted with latex paint or primer in 30 minutes with bead size ¼", temperature min 65°F (18.3°C) & humidity min 50%. Otherwise, sealant should not be painted for 2 hours. Spray paint can be applied immediately. Allow to dry for 24 hours if using oil-based paints. Apply paint with reduced applicator pressure to avoid disturbing the sealant.
- [3] Fully cured sealant is resistant to stain-causing mold & mildew. Regular cleaning of sealant is required however, as soap and other residue can cause secondary mold and mildew growth.
- [4] Based on ASTM C-920, TYPE-S, NS, CLASS 25 analysis, product can span gaps of up to 5/8" x 5/8" with over 465% elongation and 25% joint movement.
- [5] Advanced Siliconized Acrylic – White (only) is specially formulated to reduce early washout from showers, bathtubs, sinks, and other areas prone to high moisture.



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## DIRECTIONS

### **Tools Typically Required:**

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

### **Safety Precautions:**

Wear gloves and wash hands after use.

### **Surface Preparation:**

- The temperature of the product, any surfaces, and the working area must be above 40°F (5°C). For best performance, apply sealant at 70°F (21°C). It is recommended to store cartridge at room temperature at least 24 hours before use during extreme cold weather conditions.
- Surfaces must be clean, dry, and sound prior to application of the sealant. All contaminants, impurities, or other adhesion inhibitors (such as old sealants, oils, soaps, and other surface treatments, etc.) must be removed from surfaces to which the sealant is intended to adhere to. Cleaning of surfaces should be done within 1 to 2 hours before sealant is to be applied, to allow surfaces to dry.
- For cleaning, a solvent-dampened, clean rag usually produces the desired result. Isopropyl alcohol (IPA) is a commonly used solvent that has shown to be effective with most non-porous substrates. When handling solvents, refer to manufacturer's SDS for information on handling, safety, and personal protective equipment.
- Use backer rod for gaps larger than ¼" D x ½" W. A width to depth ratio of 2:1 should be maintained.
- Architectural coatings, paints, and plastics should be cleaned with a solvent approved by the manufacturer of the product, or which does not harm or alter the finish.
- Since porous materials can absorb and retain moisture, it is important to confirm that substrates are dry prior to application of the sealant.

**Masking:** The use of masking tape is recommended, where appropriate, 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 (see Tooling/ Open time).

### **Application:**

- Cut nozzle to obtain desired bead size and pierce inner foil seal.
- Using a caulking gun, apply sealant in a continuous operation applying a positive pressure adequate to properly fill and seal the seam, cavity, or joint.

**Note:** Clear Advanced Siliconized Acrylic Kitchen & Bath Sealant extrudes white and will turn clear as it dries

- Smooth or tool the sealant into gap within 5–10 minutes of application. Tool or strike the sealant with a concave tool, or water moistened, gloved finger applying light pressure to spread the material against the joint surfaces to ensure a void-free application. Allow for product shrinkage and do not over tool or tool too thin. Doing so will have a negative impact on sealant integrity and performance. Sealant skins over in approximately 30 minutes, depending on humidity and temperature.
- When tooling, use care not to spread the sealant over the face of the substrates adjacent to the joint or masking as Advanced Siliconized Acrylic Kitchen & Bath Sealant can be extremely difficult to remove from rough or porous substrates. Excess sealant should be cleaned from glass, metal, and plastic surfaces while still uncured, using a damp sponge. On porous surfaces, excess sealant should be allowed to progress through the initial cure or set-up. It should then be removed by abrasion or other mechanical means.
- In near-confined spaces, which limit overall access to the atmosphere, sealant will cure only from that surface which has access to the atmosphere. Do not encapsulate sealant between two non-porous substrates. This sealant is water-based and will not cure properly.

### **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.
- Advanced Siliconized Acrylic Kitchen & Bath Sealant is paintable in 30 minutes. Latex paint is recommended. If using oil-based/alkyd paint, wait 24 hours before painting. It is the responsibility of the user to conduct on-site testing to determine compatibility and adhesion. (NOTE: Paints are more rigid than sealants and may crack, wrinkle, or lose adhesion during sealant movement in extreme conditions).
- Users must evaluate GE branded products and make their own determination as to fitness of use in their specific application. It is the user's responsibility to test substrate compatibility, and adhesion of the cured sealant on a test joint before applying to the entire project.
- In addition to the guidelines provided in this datasheet, Henkel Corporation recommends designers and users of Advanced Siliconized Acrylic Sealant familiarize themselves with the latest editions of the following industry guidelines and best practices:

- 1.) ASTM C1193 Standard Guide for Use of Joint Sealants.



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## STORAGE & DISPOSAL


**DAMAGED BY FREEZING.** Store in unopened containers in a cool, dry area away from heat and direct sunshine under standard conditions. Standard storage conditions are defined as  $72 \pm 4^{\circ}\text{F}$  ( $22 \pm 2^{\circ}\text{C}$ ) 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. Use an approved hazardous waste facility for disposal facility. Hardened material may be disposed of in the trash.

## LABEL PRECAUTIONS

**WARNING! UNCURED SEALANT IRRITATES EYES, SKIN AND RESPIRATORY TRACT. MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.**

**CAUTION!** Contains ethylene glycol, mineral oil, and crystalline silica (white only). Avoid contact with eyes and skin. Use with adequate ventilation. Do not swallow.

**FIRST AID:** For eye contact flush with water for 15 minutes. Call a physician if irritation develops and persists. For skin contact, wash thoroughly with soap and water. If affected by inhalation, remove to fresh air and get medical attention. 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: Cancer and Reproductive Harm – [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)**

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

## DISCLAIMER

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