



# Technical Data Sheet

**Kitchen & Bath Siliconized Acrylic Caulk  
– 0405 Series Squeeze Tubes & 0406  
Series Cartridges**

## Description

Kitchen & Bath Acrylic Caulk is a premium product fortified with silicone to provide a protective seal for most kitchen & bathroom applications. Sealant applies easily & provides a long lasting, watertight barrier. Product is odorless & mildew resistant when fully cured. Paintable.

## Key Features

- Mildew Resistant @ Full Cure
- Easy application & Tooling
- Durable Seal Remains Flexible
- Water Clean Up
- VOC Compliant

## Uses

Seal around tubs, showers, sinks, vanities, countertops & stools. Adheres to tile, wood, porcelain, ceramic tile & linoleum. Provides a watertight, mildew resistant seal when fully cured.

## Surface Preparation

Surface must be clean, dry & free from dirt, dust, grease, oil, mildew, wax, loose paint & old caulking. Prime bare surfaces before caulking for best results. Apply only when caulk, air & substrate temperatures are above 40F.

Remove mildew by scrubbing with a solution of 4 oz. TSP (Trisodium Phosphate), 1 quart of liquid bleach mixed with 3 quarts of warm water. Protect eyes & hands by wearing goggles & chemical resistant gloves. Thoroughly rinse surface & allow to dry completely before caulking.

## Directions

1. Clip off tip of spout @ a 45 degree angle to desired size.
2. Apply using steady, even pressure to completely bridge joints.
3. Smooth caulk using a Red Devil Caulk Smoother or a damp cloth for a neat appearance.
4. Wipe away excess with a damp cloth before surface skins.
5. Protect from water until cured (72 hrs). May be painted over in 4 to 6 hrs depending on climatic conditions. Larger beads & cool &/or humid conditions may prolong cure.

<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Weight Per Gallon	Gardner Cup	13.0 +/- 1.0
Specific Gravity	Calculated	1.56
Total Non Volatile % Solids (Weight)	Computrac Analyzer	81.0 +/- 1.50
Extrudability/Application (as packaged)	Semco Gun (6 oz @ 50 psi)	7 sec +/- 2
Consistency/Appearance	Visual Observation	Smooth/Creamy/Thixotropic
pH (initial)	pH Meter	7 to 9
Odor	Subjective	Mild Acrylic
Base Polymer	Known	Acrylic Emulsion
Pigment	Known	Calcium Carbonate/Rutile TiO2
Siloxane Adhesion Promoter	Known	Yes
Flash Point	Closed Cup	> 200°F (94°C)
Freeze/Thaw Stability	Test Lab 0 F/77 F @24 hrs or ASTM C731	Passes 5 Cycles
Shelf Life	Lab 50 C Oven – Accelerated	Minimum 1 Year @ 77°F
Slump	ASTM D2202 Jig	< 0.15
Artificial Weathering	ASTM – QUV Tester	Excellent @ 1000 hrs
Flexibility	ASTM 734	Pass @ 32°F; Pass @ 0°F
Tack Free Time	ASTM D2377	< 30 minutes
Storage Conditions	Test Lab	Cool/Dry/Original Container
Application Temperature	Test Lab	40°F to 90°F
Service Temperature	Lab Oven/QUV/Freezer/OE Fence	-20° to 180°F
Tooling	Test Lab/Field Evaluation	Excellent
Paintability	Test Lab/Field Evaluation	Excellent
Shrinkage	Test Lab	< 30%
Stain Index	ASTM D2203	0
Crack Resistance	Test Lab	Excellent

## Clean Up

Water or Mild Soap & Water

## For Best Results

- Apply caulk in temperatures above 40°F & rising
- Store & apply caulk @ temperatures between 40°F & 90°F.
- Do not use on automobiles or for applications below waterline.
- Do not attempt to thin caulk
- If possible, prime bare surfaces before caulking
- For a neat, straight bead edge, mask both sides of joint with masking tape
- Do not "overtool" the applied caulk, leaving too little caulk to perform, following cure.

## Color

White, Almond

## Packaging

HDPE Squeeze Tube, HDPE Cartridge

## Limitations

- Allow 4 to 6 hrs drying time before painting with latex paint or 24 hrs before painting with oil base paint.
- Apply only to clean, dry surfaces, when caulk, substrate & air temperature are between 40°F & 90°F.
- Protect from water for 72 hrs. Cool &/or humid conditions will slow down cure time.
- Not for use on aquariums, automobiles or mirrors.

## Environmental, Safety & Transportation Information

<u>Criteria</u>	<u>Evaluation Method</u>	<u>Status</u>
<i>CARB Compliance</i>	<i>Documents Review</i>	<i>Yes</i>
<i>Prop 65 Ingredients</i>	<i>Documents Review</i>	<i>Yes (see MSDS)</i>
<i>DOT Proper Shipping Name</i>	<i>Review of Regs</i>	<i>Not Regulated by DOT</i>
<i>DOT Hazard</i>	<i>Review of Regs</i>	<i>N/A</i>
<i>DOT UN/NA Number</i>	<i>Review of Regs</i>	<i>N/A</i>
<i>Packing Group</i>	<i>Review of Regs</i>	<i>N/A</i>
<i>VOC Content</i>	<i>Calculated</i>	<i>&lt; 1.5%/wt, &lt; 25 g/L</i>

**CAUTION: NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS. KEEP FROM FREEZING. WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. (See MSDS for additional information)**

**Titanium Dioxide added to Massachusetts Right to Know List, Minnesota Hazardous Substance List, New Jersey Right to Know List, Pennsylvania Right to Know List & Rhode Island Hazardous Substance List. Non-white colors may contain carbon black in color dispersion.**

## LIMITED WARRANTY

Recommendations for use of this product are based on tests we believe to be reliable. Manufacturer and seller are not responsible for results where this product is used under conditions beyond our control. If when applied as directed, this material peels, cracks or separates, it will be replaced without charge upon presentation of proof of purchase and used cartridge. This limited warranty only applies to residential use and damages including consequential damage and other remedies are excluded. No other warranties apply, including fitness for a particular purpose.

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SEE MSDS FOR ADDITIONAL DATA/INFORMATION