



Technical Data Sheet

**Kitchen & Bath Siliconized Acrylic
Clear – Product No. 0408, 0445 Series**

Description

Kitchen & Bath Siliconized Acrylic Clear is formulated with silicone for applications where a high quality clear seal is desired.

Key Features

- Applies White/Dries Clear in < 2 wks
- Paintable @ Full Clarity
- Excellent Adhesion
- Water Clean Up
- Meets or exceeds ASTM C834-05 Type C
- VOC Compliant

Uses

For use on Kitchen & Bath applications where a high quality clear seal is required. NOTE: Not recommended for use on brass or copper as sealant discoloring may result.

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. 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. Remove tip & trim nozzle to desired bead size.
2. Load cartridge into caulking gun and apply evenly to completely bridge joints.
3. For squeeze tube Clip off tip of spout at 45° angle to desired size and apply evenly to completely bridge joints.
4. Smooth caulk using Red Devil Caulk Smoother or a damp cloth for a neat appearance. Wipe away excess with a damp cloth before surface skins over.
5. Protect from water until cured (72 hrs.). Larger beads, cooler temperatures & higher humidity will extend drying time.

<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Extrusion Viscosity	Semco Gun	6 +/- 2 seconds (Semco @ 50 psi)
Weight per Gallon	Gardner Cup	9.0 ± .5 lbs.
% Solids (TNV)	Computrac Solids Analyzer	61% ± 2.5
pH	Digital pH Meter	7 to 10
Slump/Sag (D-2202)	Test Lab	< 0.05
Color	Visual Observation	Applies White/Dries Clear in approx. 2 wks
Odor	Subjective	Mild Acrylic
Shrinkage	Test Lab	Less than 50% (ASTM C834-00 Type C)
Application Temperature Range	Test Lab	40°F to 90°F (5°C to 32°C)
Tack-free Time (ASTM D-2377)	Test Lab	<2 hrs (Cooler temps & higher humid. Will prolong)
Full Clarity	Test Lab	2 wks or less, depending on climatic cond.
Paint Over Time	Test Lab	When full clarity reached (7 to 14 days)
Flash Point (T.O.C.)	Tag Open Cup	Greater than 200°F (TOC) – Non-Flammable
Freeze/Thaw Stability	Test Lab	Passes 5 cycles
Stain Index	Test Lab	0
Water Resistance	Test Lab	Excellent (When fully cured)
Crack Resistance	QUV Weather Test	Superior (None @ 5000 hrs QUV)
Percent Elongation at Break (D-412)	Instron Tensile Tester	>600%
Tensile Strength at Break (D412)	Instron Tensile Tester	<10 psi
25% Extension Recovery (ASTM C-736)	Instron Tensile Tester	98%
Coverage	Test Lab	50-55 linear feet (cartridge) (3/16" bead)
Service Temperature Range	Test Lab	0 to 180F
Clean-up Solvent (before cure)	Test Lab	Water
Shelf Life	Test Lab	Minimum 1 Year unopened @ 77°F (25°C)
Storage Conditions	Test Lab	40F to 90F
Standard Container	Known	10.1 fl. oz. HDPE cartridge/5.5 oz. Sq Tube



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Clean Up

Clean equipment immediately after use with water.
Wash skin with warm water & mild soap.

For Best Results

- Surface should be clean & free of contaminants.
- Protect from water for 72 hrs.
- Apply enough caulk for the job & do not remove too much material when tooling.
- For a neat, straight bead edge, mask both sides of joint with masking tape; remove tape before skin forms.
- Do not apply when rain or freezing temperatures are expected.
- Wait for full clarity (7 to 14 days), before painting w/ a premium quality paint.

Color

Applies white & cures clear within 2 weeks

Packaging

10.1 fl. oz. Cartridge/5.5 oz. Sq. Tube

Limitations

- Not recommended for use in marine applications, below grade, under water or on automobiles or aquariums.
- Protect from water for 72 hrs following application.
- Protect from freezing.

Environmental, Safety & Transportation Information

Product may be irritating to skin, eyes & respiratory tract. Wear appropriate NIOSH approved respirator, gloves & eye protection if contact is likely. Provide adequate ventilation. SEE MSDS FOR ADDITIONAL INFORMATION.

<u>Criteria</u>	<u>Evaluation Method</u>	<u>Status</u>
CARB Compliance	Documents Review	Yes
Prop 65 Ingredients	Documents Review	Yes (see MSDS)
DOT Proper Shipping Name	Review of Regs	Not Regulated by DOT
DOT Hazard	Review of Regs	N/A
DOT UN/NA Number	Review of Regs	N/A
Packing Group	Review of Regs	N/A
VOC Content	Calculated	< 0.5% by weight, < 10 g/L

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

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 used as directed, product peels, cracks or separates, it will be replaced without charge upon presentation of proof of purchase and used container. 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