

SUBMITTAL RECORD \_\_\_\_\_  
 JOB \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 SUBMITTED TO \_\_\_\_\_  
 SUBMITTAL PREPARED BY \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_  
 DATE \_\_\_\_\_



# Submittal Form Aluminum, Clear, White Silicone Sealant



## DESCRIPTION

A superior quality silicone sealant for HVAC/R applications. Available in Clear, White & Aluminum Gray. Cures upon exposure to moisture in the air. Provides long-lasting, weather-resistant seals & exhibits excellent adhesion. Seals remain permanently elastic. Remains flexible and resists vibration.

## FEATURES

- Remains Flexible
- Resists Vibrations
- Crack-Resistant Formula
- Excellent UV Resistance
- Tenacious Adhesion
- Not Paintable
- VOC Compliant
- Mildew Resistant

## IDEAL FOR USE ON:

- Window/door frames • Showers/tubs Baseboards • Gutters • Siding
- Plumbing fixtures • Counter tops/sinks • Loose tiles

## NOT RECOMMENDED FOR:

- Marine use • Areas below water • Mirrors • Concrete surfaces
- Porous surfaces • Materials that bleed oils or solvents

## SURFACE PREPARATION

Surface should be completely clean, dry & free of contaminants such as dirt, dust, grease, oil & other residue or material that may interfere with adhesion. 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/face shield & chemical resistant gloves. Thoroughly rinse surface & allow to dry completely prior to sealant application.

## TYPICAL PROPERTIES

<b>Service Temp.:</b>	-60°F to 400°F
<b>Application Temp.:</b>	10°F to 100°F
<b>Tack Free Time:</b>	Less than an hour
<b>Full Cure:</b>	24 hours (Cures approx 1/8 in 24hrs)
<b>Paint-Over Time:</b>	Not Paintable
<b>Joint Movement:</b>	± 25%
<b>Clean Up:</b>	Mineral Spirits, Acetone or Isopropyl Alcohol
<b>Weight Per Gallon:</b>	8.75 +/- 0.25
<b>VOC Content:</b>	<3% wt, <30g/L
<b>Consistency/Appearance:</b>	Smooth, viscous paste
<b>Odor:</b>	Vinegar (Acetic Acid)
<b>Base Polymer:</b>	Proprietary Siloxane Blend
<b>Chemistry:</b>	RTV Acetoxy
<b>Freeze/Thaw Stability:</b>	5 Cycles
<b>Shelf Life:</b>	2 Years at 72°F
<b>Artificial Weathering:</b>	No change at 15,000 hrs QUV
<b>Storage Conditions:</b>	40°F to 90°F – Original Container

## PERFORMANCE SPECIFICATIONS

Meets or exceeds the requirements of:

- TT-S-00230C
- ASTM C920
- TT-S-001543A
- FDA No. 21 CFR 177.2600

This product is appropriate for incidental food contact in federally inspected meat and poultry plants. Conforms to Food and Drug Administration requirements.

## APPLICATION

- Complete all painting prior to sealant application (sealant not paintable)
- Avoid applications of total confinement as sealant cures through contact with atmospheric moisture.
- Complete tooling of applied bead within 5 to 10 minutes.
- If masking tape is used to assure a straight edge bead it must be removed prior to formation of tack free skin (typically 10 to 20 minutes).
- Use with adequate ventilation as sealant gives off acetic acid (vinegar-like odor) during application & cure. (No odor present following complete cure)
- Applications involving confinement should be evaluated fully prior to commercialization, as atmospheric moisture (humidity) is required for cure to take place.

## LIMITATIONS

- Sealant not paintable. Complete all painting prior to sealant application.
- Not recommended for full-time water immersion applications.
- Not recommended for application in totally confined areas as atmospheric moisture is required for sealant cure.
- Sealant does not adhere well to Teflon coated materials, Polyethylene, Polypropylene or Methylmethacrylate (Plexiglas).
- Not for use on or near sensitive metals such as Copper, Brass, Zinc, Carbon Steel, Galvanized Iron or Magnesium as corrosion may occur during sealant's acetic acid release.

## CAUTION

Not for Internal consumption. KEEP OUT OF REACH OF CHILDREN & PETS. Keep from freezing. Direct contact with uncured sealant irritates eyes & may irritate skin. Provide adequate ventilation to maintain vapors below discomfort level. In case of inhalation ill effects, remove to fresh air. Sealant releases acetic acid vapor (vinegar odor) during application & cure. Do not handle contact lenses with sealant on hands. Fully cured sealant is non-hazardous. Contains 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.

Item #	Code	Description
5110	SSW-C	White Silicone Cartridge
5111	SSC-C	Clear Silicone Cartridge
5112	SSA-C	Aluminum Silicone Cartridge

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