



# Technical Data Sheet

**Speed Demon II Silicone Sealant –  
Product No. 0706, 0806**

## Description

A multi-purpose silicone sealant that provides excellent adhesion & strong weather-resistant seals to most non-porous surfaces.

## Key Features

- Interior/Exterior Applications
- RTV Sealant
- VOC Compliant
- Not Paintable
- Available in Clear or White

## Uses

General purpose silicone sealant applications where an Acetoxy cure silicone (vinegar odor during application & cure) would normally be used – but where spec-compliance is not required.

## 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.

## Directions

1. Clip off tip of spout @ a 45 degree angle to desired size.
2. Load cartridge into caulk gun & apply using steady, even pressure to completely bridge joints.
3. Smooth sealant using finger, tongue depressor or back of spoon dipped in soapy water solution, for a neat appearance.
4. Wipe away excess with a dry cloth or paper towel before surface skins.
5. After cure, carefully remove with a razor blade, taking care not to undercut sealant bond to substrate.

<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Weight Per Gallon	Gardner Cup	8.50 +/- 0.50
Specific Gravity	Calculated	1.02
Total Non Volatile % Solids (Weight)	Computrac Analyzer	75% +/- 4
Extrudability/Application (as packaged)	Semco Gun (6 oz @ 50 psi)	40 seconds +/- 10
Consistency/Appearance	Visual Observation	Smooth, viscous paste
Odor	Subjective	Vinegar (Acetic Acid)
Base Polymer	Known	Proprietary Siloxane blend
Pigment/Filler	Known	TiO2 (white product only)
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 Yr @ 77F
Slump	ASTM D2202 Jig	0
Artificial Weathering	ASTM – QUV Tester	No Cracking @ 3,000 hrs QUV
Low Temperature Flexibility	Test Lab	Excellent @ 32F; Good @ 0F
Tack Free Time	ASTM D2377	< 1 hr
Cure Time	Test Lab (77F/25C 3 mm thickness)	24 hrs (cures approx 1/8 in/24 hrs)
Shore A Hardness	ASTM D2240	20 to 24
Storage Conditions	Test Lab	40F to 90F – Original Container
Application Temperature	Test Lab	10F to 100F
Full Cure	Test Lab	5 to 7 days
Service Temperature	Lab Oven/QUV/Freezer/OE Fence	-60F to 300F (-51 to 150C) (Intermit. to 400F (204C) @ full cure)
Tooling	Test Lab/Field Evaluation	Excellent @ 5 to 10 minutes
Paintability	Test Lab/Field Evaluation	Not Paintable
Joint Movement Capability	Test Lab	+/- 25% (50% Total Movement)
Weight Loss	Test Lab	10% Maximum
Percent Elongation @ Break	ASTM D-412	200%
Coverage	Test Lab	50 linear feet (3/16" bead)

## Clean Up

Wipe excess with dry towel or paper towel prior to cure. Wash skin with mild soap & water. Clean tools with mineral spirits prior to cure.

## For Best Results

- Complete all painting prior to sealant application.
- Avoid applications of total confinement as sealant cures through contact with atmospheric moisture.
- If masking tape is used to assure a straight edge bead it must be removed prior to formation of tack free skin
- Use with adequate ventilation as sealant gives off acetic acid (vinegar-like odor) during application & cure. (No odor present following complete cure)

## Color

Clear (Translucent) or White

## Packaging

10.1 oz. HDPE Cartridge

## Limitations

- Sealant not paintable.
- Not recommended for full-time water immersion applications.
- Not spec-compliant, UL Listed, NSF Listed or FDA.
- 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.

## 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>None</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;2.0%/weight, &lt; 40 g/L</i>

**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. SEVERITY INCREASES WITH PROLONGED CONTACT. OVEREXPOSURE TO VAPOR MAY IRRITATE EYES, NOSE & THROAT. AVOID BREATHING OF VAPOR. 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. (See MSDS for additional information)**

### 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