



# Technical Data Sheet



## 25 Year Painter's Acrylic Latex Caulk 0782

### Description

Painter's Acrylic Latex Caulk is a proprietary blend of acrylic resins that has been designed for the professional painter. It may be painted with latex or oil-based paint, adheres to most substrates & is mildew-resistant when cured. Product maintains good flexibility & adhesion & is manufactured under a unique vacuumized process.

### Key Features

- Vacuumized for Optimum Appearance & Performance
- Excellent Paintability with Latex or Oil-based Paints
- Easy to Gun & Tool
- Maintains Adhesion & Flexibility
- Mildew Resistant
- Water Clean-up
- VOC Compliant
- 25 Year Durability
- Meets ASTM C 834-05

### Uses

Provides interior/exterior seals on Windows, Doors, Siding, Trim, Vents, Railings, Countertops, Baseboards, Thresholds, Cracks & Joints

### 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 & water & chemical-resistant gloves. Thoroughly rinse surface & allow to dry completely before caulking & painting.

### Directions

1. Clip off tip of spout @ a 45 degree angle to desired size.
2. Load cartridge into caulking gun & 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 over.
5. Protect from water until cured (72 hrs). May be painted over in 4 to 6 hours depending on climatic conditions. Cooler temperatures & higher humidity will prolong drying time.

<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Weight Per Gallon	Gardner Cup	13.60
Specific Gravity	Calculated	1.65
Total Non Volatile % Solids (Weight)	Computrac Analyzer	81.4%
Total Non Volatile % Solids (Volume)	Test Lab	73%
Extrudability/Application (as packaged)	Semco Gun (6 oz @ 50 psi)	7-9 sec
Consistency/Appearance	Visual Observation	Smooth, Creamy Paste
pH (initial)	pH Meter	7 to 9
Odor	Subjective	Low
Base Polymer	Known	Acrylic Emulsion
Filler/Pigment	Known	Calcium Carbonate/Rutile TiO2
Siloxane Adhesion Promoter	Known	Yes
Flash Point	Closed Cup	>200F (non-flam/waterborne)
Freeze/Thaw Stability	Test Lab 0 F/77 F @24 hrs or ASTM C731	Pass – 5 Cycles
Shelf Life	Lab 50 C Oven – Accelerated	Expect 2 Years @ 77F
Slump	ASTM D2202 Jig	None
Artificial Weathering	ASTM – QUV Tester	No deleterious changes
Flexibility	ASTM 734	Pass
Tack Free Time	ASTM D2377	< 30 min @ 72F
Shore A Hardness	ASTM D2240	45 +/- 5
Storage Conditions	Test Lab	Cool/Dry, Avoid Freezing/Heat
Application Temperature	Test Lab	50F to 90F
Service Temperature	Lab Oven/QUV/Freezer/OE Fence	-20F to 180F
Tooling	Test Lab/Field Evaluation	Excellent
Paintability	Test Lab/Field Evaluation	Excellent @ 4-6 hrs drying
Percent Elongation	Test Lab - Instron	300%

## Clean Up

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

## For Best Results

- Apply caulk @ temperatures between 50F & 90F.
- Store @ temperatures between 40F & 90F.
- Do not use for filling butt joints, correcting surface defects or for tuck pointing.
- Do not use for joints subject to heavy abrasion or wear.
- Do not attempt to thin caulk.
- Prime bare surfaces before caulking.
- For a neat edge, mask both sides of joint & remove masking tape immediately after tooling.
- Do not "overtool" the applied caulk, leaving too little caulk to perform, following cure.
- Allow a minimum of 4 to 6 hrs drying time before painting.

## Color

White

## Packaging

10.1 Fl Oz Plastic Cartridge

## Limitations

- Apply only to clean, dry, frost-free surfaces.
- Do not apply when rain or freezing temperatures are expected.
- Protect from rain & exposure to water for 72 hrs.
- Not recommended for marine applications, on automobiles, aquariums or on applications below waterline.
- Cooler weather & higher humidity will slow cure time.

## 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>None</i>
<i>DOT UN/NA Number</i>	<i>Review of Regs</i>	<i>None</i>
<i>Packing Group</i>	<i>Review of Regs</i>	<i>None</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. (See MSDS for additional information)**

**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. 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 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.

TDS Number: 0782TD

Date of Issue: January 19, 2010

SEE MSDS FOR ADDITIONAL DATA/INFORMATION