



# Technical Data Sheet



## Lifetime Urethane Acrylic Sealant Class A White 0794

### Description

Paint Master Lifetime Urethane Acrylic is a high performance Elastomeric sealant designed to provide the ultimate in water clean-up performance. It meets the performance requirements of ASTM C920, Class 25 & Federal Specification TT-S-00230C Type II Class A.

### Key Features

- Vacuumized for optimum appearance and performance
- Ultimate Performance
- Bright White
- Excellent Paintability
- Tenacious Adhesion & Maximum Flexibility
- Mildew Resistant @ Full Cure
- Water Clean up
- VOC Compliant
- Lifetime Durability
- ASTM C920 Class 25; FED TT-S-00230C, Class A

### Uses

Designed for the tougher than normal sealing jobs, Lifetime Urethane Acrylic Sealant has the ability to perform comparably to one-component general purpose silicone & urethane sealants. Ideal for sealing around doors, windows, molding, siding, sinks/tubs/showers, pipes, counters, EIFS & stucco.

### 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 40° F. Chalking should be removed by pressure washing or sealed with an alkali resistant surface conditioner. 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 and hands by wearing goggles and waterproof gloves. Thoroughly rinse surface and allow to dry completely before caulking and painting.

### Directions

1. Clip off tip of spout at a 45° angle to desired size.
2. Load cartridge into caulking gun and apply using steady, even pressure to completely bridge joints.
3. Smooth caulk using wet finger or a damp cloth for a neat appearance.
4. Wipe away excess with a damp cloth before surface skins over.
5. Joint width should not exceed 3/4 inch. If joint depth exceeds 1/2 inch, use a foam backer rod.
6. Protect from water until cured (72 hrs.). May be painted over in 4-6 hours depending on climatic conditions.

<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Weight Per Gallon	Gardner Cup	12.0 +/- 1.50
Specific Gravity	Calculated	1.44
Total Non Volatile % Solids (Weight)	Computrac Analyzer	80% Minimum
Total Non Volatile % Solids (Volume)	Test Lab	69.5% Minimum
Extrudability/Application (as packaged)	Semco Gun (6 oz @ 50 psi)	8 sec +/- 3 sec
Consistency/Appearance	Visual Observation	Smooth/Creamy Paste
pH (initial)	pH Meter	7 to 9
Odor	Subjective	Low (slightly Ammoniacal)
Base Polymer	Known	Premium Urethane Acrylic Blend
Filler/Pigment	Known	Calcium Carbonate/Titanium Dioxide
Siloxane Adhesion Promoter	Known	Yes
Flash Point	Closed Cup	> 200 F (non-flammable/waterborne)
Freeze/Thaw Stability	Test Lab 0 F/77 F @24 hrs or C731	Pass - 5 Cycles
Aymar Durability; Class A	ASTM C719 (Glass/Alum./Concrete)	Pass
Shelf Life	Lab 50 C Oven - Accelerated	Expect 2 Years @ 77F
Slump	ASTM D2202 Jig	Zero
Artificial Weathering	ASTM - QUV Tester	No deleterious changes
Flexibility	ASTM 734	Pass @ -15 F
Tack Free Time	ASTM D2377	1 hr or less @ 77 F
Shore A Hardness	ASTM D2240	35 +/- 10
Storage Conditions	Test Lab	Cool/Dry, Avoid Freezing/Heat
Application Temperature	Test Lab	50 F to 90 F (best results)
Service Temperature	Lab Oven/QUV/Freezer/OE Fence	-25 F to 180 F
Tooling	Test Lab/Field Evaluation	Excellent
Paintability	Test Lab/Field Evaluation	Excellent @ 4 - 6 hrs drying
Percent Elongation	Test Lab/Instron/ASTM D412	500% Minimum

## Clean Up

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

## Color

White

## For Best Results

- Apply caulk in temperatures between 50F & 90F.
- Store caulk @ temperatures between 40°F & 90°F.
- Do not use on automobiles.
- Allow new concrete to cure for 30 days before caulking.
- Do not use for joints subject to heavy abrasion or wear.
- Do not attempt to thin or mix with other materials.
- Prime bare surfaces before caulking.
- For a neat, straight bead edge, mask both sides of joint with masking tape.
- Do not "overtool" the applied sealant, leaving too little caulk to perform, following cure.
- Allow a minimum of 4 to 6 hours drying time before painting.
- Allow sealant to cure for @ least 21 days before assessing overall sealant performance.

## Packaging

10.1 Fluid Oz. HDPE Cartridges

## 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 hours.
- Not recommended for use on aquariums, below grade or for marine use below water line.
- Cold weather & high humidity will slow down cure time.
- Do not apply to frozen or frost covered substrates.
- Do not apply to wet or water saturated substrates or when relative humidity is above 90%.
- Not for use on stove pipes, stoves, inserts or fireplaces.

## 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% by weight, &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. Silica, Crystalline present in Calcium Carbonate Filler @ 0.10 to 0.75%/weight, on Prop 65 List. May contain trace residual Formaldehyde (Prop 65 List) in base emulsion used to formulate product.**

**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.**

## 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