

# Acrylic Poly Satin UV PLUS <sup>TM</sup> TECHNICAL DATA

## Two Part Acrylic Polyurethane

**Two Part Polyurethane Durability**  
**Maximum UV Blocking**  
**Attractively Priced**  
**Satin Finish**

<p><b>STANDARD PRODUCT DESCRIPTION</b></p>	<p>Acrylic Poly Satin UV Plus is a two component, acrylic aliphatic isocyanate polyurethane coating with a satin finish and contains maximum UV blockers. It cures to a very tough, abrasive resistant film with exceptional exterior durability, chalk resistance, color stability, and long term gloss retention. Acrylic Poly Satin UV Plus has a tile-like finish which is a very tough but yet a flexible film.</p>
<p><b>USES</b></p>	<p>Acrylic Poly Satin UV Plus is ideal as a top coat for storage tanks, boats, water towers, structural steel, etc.</p>
<p><b>FEATURES</b></p>	<ul style="list-style-type: none"> <li>Extends weathering resistance of polyurethanes</li> <li>Good chemical and stain resistance</li> <li>Excellent color retention</li> <li>Non-chalking and non-yellowing</li> <li>A satin finish</li> <li>Easy to clean</li> <li>Highly resistant to abrasion and impact</li> <li>Outstanding wearing properties</li> </ul>
<p><b>PHYSICAL PROPERTIES</b></p>	<p>COLOR ..... Clear          FINISH ..... Satin          MIXING RATIO ..... 4:1 by volume          POT LIFE ..... 4-6 hours @ 75°F          RECOAT TIME @ 75°F ..... 8-48 hours          INDUCTION TIME ..... 15 Minutes          APPLICATION TEMPERATURE ..... 45°F- 120°F          DRY SERVICE TEMPERATURE ..... 250° F          RECOMMENDED THICKNESS ..... 1.0 - 2.0 dry mils per coat at 432 - 864 sq. ft. per gallon          COVERAGE (Theoretical) ..... 864 sq. ft. @ 1.0 dry film thickness          V.O.C. .... 3.19 lbs/gal (60%)          VOLUME SOLIDS ..... approx. 60% ± 2%          APPLICATION ..... Conventional, airless spray, brush, roller          SHELF LIFE ..... 1 year minimum</p>

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<b>SURFACE PREPARATION</b>	<p>Acrylic Poly Satin UV Plus is ideal as a top coat for storage tanks, vessels, water tanks, vehicles, structural steel, equipment, pipe lines and racks, exterior buildings, etc. Apply over appropriate primers or intermediate coats. It is not recommended for application directly over aged coatings. Surfaces must be free from all oil, grease, dirt, water, or other foreign matter. Acrylic Poly Satin UV Plus is not recommended for immersion service.</p> <ol style="list-style-type: none"> <li>1. Fiberglass - Acrylic Poly Satin UV Plus can be applied to unweathered fiberglass without priming, otherwise prime surface. Suitable primers are Aluthane or epoxy.</li> <li>2. Carbon Steel - All surface contamination, such as dirt, dust, grease, oil and other deposits must be removed prior to abrasive blast cleaning. Solvent cleaning as outlined in SSPC's SSPC-SP1 should be used to remove all foreign matter. If previous service has left surface deposits of chemicals, that also must be removed by pressure washing and followed by a thorough water rinsing. Remove all rust, mill scale, loose paint, and any previous existing coatings by dry abrasive blasting all steel surfaces before applying the coating system.</li> </ol>
<b>APPLICATION</b>	<p>Acrylic Poly Satin UV Poly is prepared by mixing 4 parts base to 1 part curing agent with a power mixer. When spraying Acrylic Poly Satin UV Plus may be thinned up to 20%. When rolling it may be thinned up to 5% depending on temperature. Roll in the same direction always keeping a wet edge. Do not over roll product. Do not apply to surfaces below 45°F or above 120°F. Do not apply over dew or frost. The surface should be dry and at least 5°F above dew point. <b>ALLOW 15 MINUTES AFTER MIXING BEFORE APPLICATION (INDUCTION TIME).</b> For best results apply in very thin coats rather than heavy applications.</p> <p>NOTE: Application of 2 part polyurethanes can be difficult to apply by brush without leaving brush marks. Test for satisfactory result if applying by brush.</p>
<b>CAUTIONS</b>	<p>Acrylic Poly Satin UV Poly is flammable. Keep away from all sources of ignition during storage, mixing, application and cure. Contains Aliphatic Polyisocyanates, N-Butyl Acetate, Metyl Ethyl Keton and Methyl Amyl Ketone. The curing agent and mixtures of base with curing agent can cause eye and skin burns as well as allergic reactions. The use of goggles, fresh air masks, or NIOSH approved respirators, protective skin cream, and protective clothing is a recommended standard practice when spraying. This product is sold without warranty as to performance expressed or implied. Users are urged to make their own tests to determine the suitability for their particular conditions. <b>READ MSDS.</b></p> <p>The solvents in this product may 'lift' the paint coatings on your mixing stick resulting in an unwanted tint to the product.</p>
<b>TRANSPORT</b>	<p>OSHA Flammability Classification: UN1263, Packing Group IIIB, Flammable liquid.</p>

**SAFETY:** This is a hazardous material if misused. Read and understand the Material Safety Data Sheet (MSDS) before use.

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