



# PRODUCT DATA SHEET

## Ultra Lacquer White Conversion Coating

### DESCRIPTION

Ultra Lacquer White Conversion Coating offers the durability of conversion varnish with the ease of use generally associated with pre-catalyzed lacquers. Formulated using European Polymer Technology, Ultra Lacquer White offers the high level of durability necessary for today's cabinetry and woodwork. For Wood Substrates Only. For Interior Use Only.

PRODUCT NUMBERS / SHEENS	COATING PROPERTIES	PREPARATION INSTRUCTIONS
UL-1060 Semi-Gloss UL-1030 Satin UL-1020 Dull UL-1010 Flat	<p><b>Viscosity:</b> 32 #4 Ford  <b>Weight Solids:</b> 48.7-50.2 %  <b>Volume Solids:</b> 32.3-34.2 %  <b>Weight/Gallon:</b> 9.33-9.36 lbs./gal  <b>Coverage:</b> 517-549 sq. ft. per gallon at one mil dry film thickness.</p> <p><b>VOC (coating):</b> 4.42-4.57 lbs./gl. or 532-548 g/l  <b>VOC (material):</b> 3.97-4.09 lbs./gl. or 476-490 g/l  <b>VOC Ratio:</b> 0.84-0.90 lbs. VOC/lbs. solids  <b>HAPS Ratio:</b> 0.0 lbs. HAPS/lbs. solids</p> <p><b>Dry Times:</b>  <b>Air Dry:</b> at 78°F, relative humidity 50%            To touch: 5 minutes            To Handle: 20-30 minutes            To sand/recoat: 45 minutes  <b>Force Dry:</b>            Flash: 8-10 minutes            Bake: 15 min @ 110° F            Cool down: 15 min            Stack 1 hour after cool down            Relative humidity will affect the speed of drying. Ideal conditions are 75°F or warmer at 50% humidity or less. Dry time will be faster at higher temperatures and lower humidity and equally slower at colder temperatures and higher humidity.</p> <p><b>Dry Film Thickness:</b> Maximum DFT for the complete system should not exceed 5 mils.</p> <p><b>Pot Life:</b> 60 days after catalyzation when maintained in a closed container @ 77°F</p> <p><b>Shelf Life Un-Catalyzed:</b> 18 months @77° F if unopened and stored in a cool dry area. Always rotate stock.  <b>Storage:</b> Keep away from heat or sparks.</p>	<p><b>Catalyzation:</b> Use pre-packaged catalyst kit: This is equal to 1.47 oz of M1111 catalyst per 120 oz. of product. (1.2% by volume).  <b>NOTE: DO NOT add more than the recommended amount of catalyst! This will <i>not</i> make the product cure faster or harder and may cause cracking, haziness, gloss issues, and will affect the integrity of the final product.</b></p> <p><b>Reduction:</b>  <b>Important:</b> Always catalyze <i>BEFORE</i> reducing!</p> <p><b>Thinning:</b> This product is supplied ready to spray (after catalyzation). If needed due to conditions in your facility use SOL-9059 HAPs Free Reducer or SOL-9011 HAPs Free Thinner at levels not to exceed 10% by volume*  <b>Retarder:</b> If a slower dry time is desired, use SOL-9056 (PM Acetate), or SOL-9012 Haps Free Retarder at levels not to exceed 4% by volume*</p> <p><b>Tinting:</b> May be tinted up to 4 ounces per gallon (3% by volume) with Chroma Flo 844 or Opticolor XP colorants. <b>Do not use umber pigments. Never tint with Universal Colorants that contain Glycol.</b>  <b>Fill Level:</b> 120 oz</p> <p>*Thinning this material may result in increasing the VOC levels of this product. Refer to your local regulations before thinning.</p> <p><b>Approved Companion Products</b>            CVP-1000 Presidio Vinyl Primer            NEXP-7000 NEXPRIME Pre-cat Primer</p>
<p><b>PRODUCT ADVANTAGES</b></p> <ul style="list-style-type: none"> <li>➤ 60 Day Pot Life!</li> <li>➤ HAPs Free</li> <li>➤ Ultra Low Formaldehyde</li> <li>➤ Resists Yellowing</li> <li>➤ Self Sealing</li> <li>➤ Moisture and Chemical Resistant</li> <li>➤ Catalyst Supplied in Pre-Measured Containers</li> <li>➤ Short Filled Containers To Allow For Tinting And The Addition Of Catalyst</li> <li>➤ AWI System 3</li> <li>➤ Meets KCMA Performance Requirements When Applied to Manufacturers Specifications</li> <li>➤ Non-Photo Chemically Reactive</li> <li>➤ Phthalate Free</li> </ul> <p><i>Note: These numbers represent actual control values on a smooth, sanded substrate. Spray techniques, texture, and sealing as well as film thickness may give different results on actual work, but they may be used for comparison. To the best of our knowledge, the above technical data is true and accurate at the date of issuance but is subject to change without prior notice.</i></p>		

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## PRODUCT DATA SHEET UL-10XX SERIES CONTINUED



### Substrate preparation:

**New wood:** Remove any dirt, grease, glue or other contaminants. Moisture content of wood should be 7-9%. Sand to 150-180 grit. Proper sanding of wood is absolutely critical to achieve the best color development and adhesion of the coating to the substrate.

**Old wood:** Strip old finishes completely and remove all contaminants from the surface. Make sure the surface is dry, sand as required. Finish same as new wood.



### Mixing Instructions:

Mix material thoroughly before and during use. Material may be mixed by hand or mechanical agitation at moderate speed. Catalyze UL-10XX Series Ultra Lacquer White with pre-packaged catalyst kit in a stainless steel or plastic lined container. Material should be agitated slowly while mixing in the catalyst. Mix or agitate thoroughly for 10 minutes before use.



### Application:

Using conventional, HVLP, airless, or air assisted equipment, apply this product at 3-4 wet mils per coat. Let dry a minimum of 45 minutes. Sand with 280-320 grit, no-fill sandpaper and remove sanding dust with clean compressed air, or tack rag. This product must be sanded in between coats to ensure proper adhesion.

This product may be used self sealing or with an approved primer.

When used with a primer we recommend a coating system comprised of one coat of primer applied at 3-4 mils wet film build and 1-2 coats of topcoat applied at 3-4 mils wet film build. When used self-sealing we recommend 2-3 coats of UL-10XX applied at 3-4 mils wet film build. Please see the Approved Companion Products section of this document for a list of approved primers. Maximum dry film thickness of the complete system must not exceed 5 dry mils.



### Recommended Tip Sizes:

Conventional Air	1.8 mm
HVLP	1.7-1.9 mm
Airless	10-13 thousandths
Air Assisted Airless-	11-13 thousandths



### Precautions:

These products are intended for Professional use only. Do not proceed if you are planning on mixing with other finishing systems or other manufacturer's products. Gemini will not be held liable for finish failures due to the improper use of our products or deviation from our finishing recommendations

### Equipment:

All equipment used with this product must have plastic, stainless steel, or Teflon fluid passages and wetted parts

### Containers:

We supply this material in a lined container. All containers used in conjunction with storage and/or application of this product must be stainless steel, plastic, or otherwise acid resistant.

### Clean up:

Use SOL-9059 Non HAPs Reducer or SOL-9011 Non HAPs Thinner to clean up all equipment. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.

**Care and cleaning of this finish:** Use a mild dishwashing liquid and a damp cloth to remove food, grease, and other residue. Wipe dry. Do not use cleaners that contain ammonia, bleach, or abrasives as this may damage the finish.