**PRODUCT DATA SHEET**

**White Lacquer Sealer**

**DESCRIPTION**
Formulated specifically for priming raw wood in new home construction projects, this undercoater will fill and sand well, and may be topcoated with Gemini’s pigmented lacquers, latex paint or alkyd enamels. For Wood Substrates Only. For Interior Use Only.

**PRODUCT NUMBERS / SHEENS** | **COATING PROPERTIES** | **PREPARATION INSTRUCTIONS**  
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U8070 | Viscosity: 96-100 K.U.  
Weight Solids: 42.61 %  
Volume Solids: 24.33 %  
Weight/Gallon: 9.34 lbs./gal  
Coverage: 390 sq. ft. per gallon at one mil dry film thickness.  
VOC (coating): 5.35 lbs./gl. or 642 g/l  
VOC (material): 5.34 lbs./gl. or 640 g/l  
VOC Ratio: 1.34 lbs. VOC/lbs. Solids  
HAPS Ratio: 1.09 lbs. HAPS/lbs. Solids  | Reduction:  
Thinning: This product is supplied ready to spray for airless application. If needed due to conditions in your facility use SOL-0500 Lacquer Thinner at levels not to exceed 30% by volume*  
Retarder:  
Do Not retard sealers or undercoaters as doing so may affect dry and cure of topcoats.  
*Thinning this material may result in increasing the VOC levels of this product. Refer to your local regulations before thinning.  

**PRODUCT ADVANTAGES**  
- Fast Dry  
- Excellent Sanding Properties  
- High Solids  
- Excellent Build  
- User Friendly  
- Ready To Spray As Supplied For Airless Application  
- Cost Competitive  
- Phthalate Free  

**Preparation Instructions**  

- **Reduction:**  
  Thinning: This product is supplied ready to spray for airless application. If needed due to conditions in your facility use SOL-0500 Lacquer Thinner at levels not to exceed 30% by volume.*  
- **Retarder:**  
  Do Not retard sealers or undercoaters as doing so may affect dry and cure of topcoats.  

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**Approved Companion Products**
- 400-0210 White Gloss  
- 400-0211 White Semi Gloss  
- 400-0212 White Satin  
- 400-0213 White Flat  
- 601 Gloss White  
- 602 Semi Gloss White  
- 603 Satin White

**Storage:** Keep away from heat or sparks.  
**Note:** These numbers represent actual control values on a smooth, sanded substrate. Sprays 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.

April, 2018

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Substrate preparation:

**New wood:** Remove any dirt, grease, glue or other contaminants. Moisture content of wood should be 7-9%.
New wood: 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 as new work.

Mixing Instructions:
Mix material thoroughly before and during use. Material may be mixed by hand or mechanical agitation at moderate speed.

Application:
Using conventional, HVLP, airless, or air assisted equipment, apply this product at 3-4 wet mils per coat. Let dry a minimum 20 minutes. Sand with 280-320 grit, no-fill sandpaper and remove sanding dust with clean compressed air, or tack rag.

Typically we recommend a coating system comprised of one coat of U8070 applied at 3-4 mils wet film build and 1-2 coats of an approved topcoat. Refer to the Product Data Sheet for the topcoat you are using for maximum dry film thickness recommendations.

Recommended Tip Sizes:
- Conventional Air: 1.3-1.8mm
- HVLP: 1.7-2.0mm
- Airless: 10-15 thousandths
- Air Assisted Airless: 11-15 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.

Clean up:
Use SOL-0500 Lacquer Thinner to clean up all equipment. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.