

### DESCRIPTION

PRESIDIO WHITE VINYL CV PRIMER is a high quality, post-catalyzed, white vinyl modified primer formulated for maximum adhesion, flexibility and moisture resistance. The 30 day pot life makes this product very forgiving and helps reduce labor and hazardous waste. This product's cross-linking vinyl technology yields an extremely durable and moisture resistant finish when used in conjunction with our white conversion varnish topcoats. This product has been designed specifically for finishing high end kitchen & bath cabinetry and architectural millwork. For wood substrates only. For interior use only.

PRODUCT NUMBERS / SHEENS	COATING PROPERTIES	PREPARATION INSTRUCTIONS
CVP-1000	<p><b>Viscosity:</b> 20 #4 Ford  <b>Weight Solids:</b> 47%  <b>Volume Solids:</b> 29%  <b>Weight/Gallon:</b> 9.25 lbs./gal  <b>Coverage:</b> 467 sq. ft. per gallon at one mil dry film thickness.  <b>VOC (reg./coating):</b> 4.40 lbs./gal or 526 g/l  <b>VOC (actual/material):</b> 3.46 lbs./gl. or 414 g/l  <b>VOC Ratio:</b> 0.79 lbs. VOC/lbs. solids  <b>HAPS Ratio:</b> 0.140 lbs. HAPS/lbs. solids</p> <p><b>Dry Times:</b>  <b>Air Dry:</b> at 78°F, relative humidity 50%            To touch: 10 minutes            To Handle: 15 minutes            To sand/recoat: 30-35 minutes  <b>Force Dry:</b>            Flash: 8-10 minutes            Bake: 15 min @ 110° F            Cool down: 15 minutes            Stack immediately 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's and equally slower at colder temperatures and higher humidity's.</p> <p><b>Dry Film Thickness</b> For best results, the DFT for this primer should be between 1.0-1.5 mils. Please refer to the PDS for the specific topcoat you are using for maximum DFT for the complete system.</p> <p><b>Pot Life:</b> 30 days @ 77° F in a sealed container</p> <p><b>Shelf Life:</b> 18 months @77° F if un-catalyzed, unopened and stored in a cool dry area. Always rotate stock.</p> <p><b>Storage:</b> Keep away from heat or sparks.</p>	<p><b>Catalyzation:</b>            Use pre-packaged catalyst kit:            For one gallon short filled to 126oz this equals 1.7 oz. or 50 mil of M1079 per 126 oz. or (1.35% by volume)</p> <p><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.*</p> <p><b>Retarder:</b>            If a slower dry time is desired, use SOL-9012 Haps Free Retarder at levels not to exceed 4% by volume*</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>            UCV-10XX Gemvar White Series            ASTW-10XX Asteria White Series</p> <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>
PRODUCT ADVANTAGES		
<ul style="list-style-type: none"> <li>➤ Low VOC</li> <li>➤ Extremely Low HAPS</li> <li>➤ User Friendly 30 Day Pot Life!</li> <li>➤ No Critical Recoat Time</li> <li>➤ Creates a Smoother Film Than Other Primers Thus Requiring Less Sanding</li> <li>➤ Short Filled To Allow For Catalyst</li> <li>➤ Catalyst Supplied in Pre-Measured Containers</li> <li>➤ Phthalate Free</li> <li>➤ Non- Photo-Chemically Reactive</li> <li>➤ ASTM D870-92 Water Immersion: Passed 8 Days</li> <li>➤ ASTM D3359-87 Adhesion Tape Test 100%</li> </ul>		

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## PRODUCT DATA SHEET PRESIDIO CVP-1000 CONTINUED

### 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. Catalyze CVP-1000 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 at moderate speed for ten 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 30-35 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.

Typically we recommend a coating system comprised of one coat of CVP-1000 applied at 3-4 mils wet film build and 1-2 coats of an approved Gemini topcoat. Please refer to the Approved Companion Products section of this document for a list of approved topcoats. Please refer to the PDS for the topcoat you choose for dry film limitations for the complete system.



### Recommended Tip Sizes:

Conventional Air	1.4-1.8 mm
HVLP	1.5-1.9 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 HAPs Free 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.