

### DESCRIPTION

A high quality, white pre-catalyzed lacquer that represents an intermediate step between our pigmented lacquers and our extremely durable conversion varnishes. This product is catalyzed at the factory and exhibits excellent chemical and moisture resistance, and when applied properly passes the performance requirements established by the Kitchen Cabinet Manufacturer's Association (KCMA). For wood substrates only. For interior use only.

| PRODUCT NUMBERS / SHEENS   | COATING PROPERTIES   | PREPARATION INSTRUCTIONS  |
|--|--|---|
| PC-1760 Semi-Gloss<br>PC-1730 Satin<br>PC-1720 Dull  | <b>Viscosity:</b> 32 #4 Ford<br><b>Weight Solids:</b> 37.2-37.5 %<br><b>Volume Solids:</b> 22.4-22.6 %<br><b>Weight/Gallon:</b> 8.9 lbs./gal<br><b>Coverage:</b> 359.3-362.8 sq. ft. per gallon at one mil dry film thickness.   | <b>Catalyzation:</b> This product comes pre-catalyzed. Do NOT add catalyst. |
| <b>PRODUCT ADVANTAGES</b>  | <b>VOC (reg./coating):</b> 5.55-5.57 lbs./gl. or 665.8-667.8 g/l<br><b>VOC (act./material):</b> 5.53-5.54 lbs./gl. or 662.8-664.8 g/l<br><b>VOC Ratio:</b> 1.65-1.67 lbs. VOC/lbs. solids<br><b>HAPS Ratio:</b> 0.72-0.74 lbs. HAPS/lbs. solids  | <b>Reduction:</b>   |
| <ul style="list-style-type: none"> <li>➤ Extremely Durable</li> <li>➤ Water And Household Chemical Resistant</li> <li>➤ Resists Yellowing</li> <li>➤ Meets KCMA Requirements When Applied To Manufacturer Specifications</li> <li>➤ Non Photo Chemically Reactive</li> <li>➤ Phthalate Free</li> <li>➤ No Catalyst Required</li> </ul> | <b>Thinning:</b> This product is supplied ready to spray for airless application. If needed due to conditions in your facility use SOL-9011 HAPs Free Thinner or SOL-9059 HAPs Free Reducer at levels not to exceed 10% by volume*<br><br><b>Retarder:</b> If a slower dry time is desired, use SOL-9056 PM Acetate not to exceed 8% by volume or SOL-9012 Haps Free Retarder at levels not to exceed 5% by volume*<br><br><b>Note:</b> Effective dry times will be lengthened if retarder is added<br><br>*Thinning this material may result in increasing the VOC levels of this product. Refer to your local regulations before thinning.<br><br><b>Approved Companion Products</b><br><br>NEXP-7000 NEXPRIME Pre-cat Primer<br><br><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> |   |
|  | <b>Dry Times:</b><br><b>Air Dry:</b> at 78°F, relative humidity 50%<br>To touch: 8 minutes<br>To handle: 15 minutes<br>To sand/recoat: 45 minutes<br><b>Force Dry:</b><br>Flash: 8-10 minutes<br>Bake: 15 @110°F minutes<br>Cool down: 10 minutes<br>Stack: 1 hour after cool down<br><br>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.   |   |
|  | <b>Dry Film Thickness:</b> Maximum DFT for the complete system must not exceed <b>3 mils.</b>  |   |
|  | <b>Shelf Life:</b> 12 months @77° F if unopened and stored in a cool dry area. Always rotate stock.  |   |
|  | <b>Storage:</b> Keep away from heat or sparks.   |   |

February, 2023

The following supersedes any provision contained in the forms, letters and papers of your company. This product is designed and intended for professional application only. All products should be thoroughly tested under application conditions prior to use. The information contained herein is believed to be reliable. **HOWEVER, GEMINI MAKES NO WARRANTY CONCERNING THIS PRODUCT, WHETHER EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** UNDER NO CIRCUMSTANCES SHALL GEMINI BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR ANY OTHER DAMAGES FROM ALLEGED NEGLIGENCE, BREACH OF WARRANTY, STRICT LIABILITY, OR ANY OTHER LEGAL THEORY, ARISING OUT OF THE USE OR HANDLING OF THIS PRODUCT. THE SOLE REMEDY OF THE BUYER AND THE SOLE LIABILITY OF GEMINI FOR ANY CLAIMS SHALL BE LIMITED TO THE BUYER'S PURCHASE PRICE OF THE PRODUCT WHICH IS THE SUBJECT OF THE CLAIM OR THE AMOUNT ACTUALLY PAID FOR SUCH PRODUCT, WHICHEVER IS LESS. TECHNICAL ADVICE FURNISHED BY GEMINI SHALL NOT CONSTITUTE AN EXPRESS WARRANTY, WHICH IS EXPRESSLY DISCLAIMED. ALL TECHNICAL ADVICE GIVEN IS ACCEPTED AT THE RISK OF THE BUYER. **CAUTION: DANGER! FLAMMABLE! VAPORS MAY CAUSE FLASH FIRE. VAPOR HARMFUL. HARMFUL OR FATAL IF SWALLOWED. INJURIOUS TO EYES. KEEP OUT OF THE REACH OF CHILDREN!** BEFORE using this product it is essential that the "Material Safety Data Sheet" describing the product as well as the "Product Label" be reviewed. If your company does not have such information or has any questions, contact the manufacturer.

## PRODUCT DATA SHEET PC-17XX 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 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 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.

We recommend a coating system comprised of one coat of a companion primer (please refer to the Approved Companion Products section of this document) applied at 4-5 mils wet film build, and 1-2 coats of topcoat applied at 3-4 mils wet film build. Maximum dry film thickness of the complete system must not **exceed 3 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.