



### DESCRIPTION

Suited for all professional wood finishers, the Craftsman Collection brings low odor, easy wiping and designer colors together in one ready to use system. These stains do not bleed or fade, may be intermixed or reduced with CC001 Base and adjusted with 824 or 844 colorants, Gemini's Stain Concentrates or Gemini's NG Series Dyes.

PRODUCT NUMBERS	PRODUCT PROPERTIES	PREPARATION INSTRUCTIONS
CC001 Clear Base CC002 Shaker Maple CC003 Woodsmoke CC004 Espresso CC005 Spiced Walnut CC006 Driftwood CC007 Tobacco CC008 Sandstone CC009 Sangria CC010 Gunstock CC011 Cedar Chest CC012 Hearthside CC013 Colonial CC014 Toffee CC015 Java CC016 Hazelnut	<p><b>Viscosity:</b> 14-16 #2 Zahn  <b>Weight Solids:</b> 8.02-28.22%  <b>Volume Solids:</b> 5.78-15.42%  <b>Weight/Gallon:</b> 7.26-8.49 lbs./gal  <b>Coverage:</b> 92-247 sq. ft. per gallon at one mil dry film thickness.</p> <p><b>VOC (Reg./coating):</b> 6-6.7 lbs./gl. or 715-800 g/l  <b>VOC (Actual/material):</b> 6-6.7 lbs./gl. or 715-800 g/l  <b>VOC Ratio:</b> 2.5-11.5 lbs. VOC/lbs. Solids  <b>HAPS Ratio:</b> 0.15-0.6 lbs. HAPS/lbs. Solids</p> <p><b>Dry Times:</b>  <b>Air Dry:</b> at 78° F, relative humidity 50%            To wipe: 1 - 3 minutes            To recoat: 30 - 45 minutes</p> <p>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>Shelf Life:</b> 24 months @77° F if unopened and stored in a cool dry area. Always rotate stock.</p> <p><b>Storage:</b> Keep away from heat or sparks.</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>	<p><b>Tinting the Clear Base:</b></p> <p>CC001 may be tinted with the following colorants: 824 and/or SC-010X Stain Concentrates (Preferred), 844, Gemini NG Dye Concentrates.</p> <p>Maximum tint load should not exceed 23 oz. per gal. (18% by volume).</p> <p>824's or SC-010X Stain Concentrates are preferred for open time and workability. NG Dye levels should not exceed 6 oz. per gal (5% by volume). The total of all colorants added should never exceed 23 oz. per gal. (18% by volume)</p> <p>SC-010X Stain Concentrates may be added in any amount.</p> <p><b>Tinting the packaged colors:</b></p> <p>Due to the wide range of colors, caution should be taken when adjusting packaged colors to prevent color float or settling of excessive pigment loads. Consult your sales representative or Gemini Customer Service for guidance.</p> <p><b>Thinning:</b></p> <p>This product is ready to use as packaged. No thinning is recommended.</p>
PRODUCT ADVANTAGES		
<ul style="list-style-type: none"> <li>➤ Easy Wiping Formula</li> <li>➤ HAPS Compliant</li> <li>➤ Low Odor</li> <li>➤ Fast Recoat Time</li> <li>➤ Tintable with Stain Concentrates, NG Series Dyes, 824 or 844 colorants</li> <li>➤ Fade Resistant</li> <li>➤ Modern and Contemporary Designer Color Selection</li> </ul>		

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## PRODUCT DATA SHEET - CRAFTSMAN COLLECTION - 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:** Stains should always be agitated before and during use to ensure color consistency and to minimize settling of pigment. Multiple containers of a single color should be “boxed” together to ensure color consistency.



**Application:** Always test the stain for color and appearance before starting a job. Intermix (box) containers of the same color. This stain may be applied by spray, brush, or cloth rag. When spraying, adjust the air pressure as low as possible, typically 12-15 psi. If the air pressure is set too high, it may cause the stain to dry prematurely. Apply an even wet coat. Let sit 1-3 minutes. While the stain is still wet, remove the excess with a clean, lint free cloth by working the stain into the wood with a circular motion. Finish by wiping the stain clean, *with* the grain of the wood. Color depth will vary depending on how the wood is sanded, and how long the stain is left on the surface before wiping. Wiping the stain sooner than the recommended 1-3 minutes will result in a lighter color. Allowing the stain to dwell longer or not wiping the excess stain could result in poor adhesion of subsequent sealer and topcoat. In the case of extremely dark colors, application of an NGR stain or toner prior to wiping stain application may be required (consult your Gemini Sales/Technical Service Rep for proper application techniques). Test your stain system on a scrap piece of wood before beginning job. For best results, allow the same amount of dwell time on each piece you are staining. After 30-45 minutes dry time, finish with an approved Gemini coating system.

**Important:** Craftsman Collection Stains are not meant for application after a coat of sealer or finish has been applied. The ultimate fine furniture look offering grain definition, clarity and depth of image is achieved when all color is applied closest to the wood surface.



### Recommended Tip Sizes:

Conventional Air	1.0-1.4mm
HVLP	1.3-1.8mm
Airless	0.011 – 0.013



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