



# PRODUCT DATA SHEET

## Craftsman Zero VOC Wiping Stain Base

### DESCRIPTION

Craftsman CC2401 Zero VOC Stain Base is formulated to offer the working characteristics of an oil stain, but provide the rapid dry benefits of a lacquer wiping stain. This HAPs free stain is tint-able with standard industrial colorants, zero VOC industrial colorants or our NG Dye Concentrates. When tinted correctly, this base provides an exceptionally clean appearance with a depth of color and vibrancy that gives interior wood a distinctive warm and rich appearance. For wood substrates only. For interior use only.

PRODUCT NUMBERS / SHEENS	COATING PROPERTIES	PREPARATION INSTRUCTIONS
CC2401	Viscosity: 13-15 #2 Zahn Weight Solids: 33.57% Volume Solids: 33.57% Weight/Gallon: 8.29 lb./gal Coverage: 538 sq. ft. per gallon at one mil dry film thickness.	Tinting the clear base:*** CC2401 may be tinted with the following colorants: 844, 824, and Gemini NG Dye Concentrates.
PRODUCT ADVANTAGES	VOC (coating): 0.0 lb./gl. or 0.0 g/l VOC (material): 0.0 lb./gl. or 0.0 g/l VOC Ratio: 0.0 lb. VOC/lb. Solid HAPS Ratio: 0.0 lb. HAPS/lb. solids  Dry Times: Air Dry: at 78° F, relative humidity 50% To recoat: 60 minutes minimum.  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>Shelf Life:</b> 24 months @ 77° F if unopened and stored in a cool dry area. Always rotate stock.  <b>Storage:</b> Keep away  <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>	824 colorants are preferred for open time and workability. NG Dye levels should not exceed 4 oz. per gal (3% by volume). Adding dye will affect the workability of the stain.  Maximum tint capacity in a short filled container of clear base is 10 oz. per gallon.  <b>Note: Dye concentrates are usually added in very small amounts to make the stain darker and richer to achieve the final desired color. Workability will be affected when dye concentrates are added to a wiping stain. Adding too much dye will cause the dye to separate and kick out.</b>  ***The State of California regulates the VOC content of colorant in specific areas and for specific uses. Tinting this material may result in increasing the VOC levels of this product. Always use an approved colorant that is compliant in your area, and refer to your local regulations before tinting.  Thinning: This product is ready to use as packaged. No thinning is recommended.
<ul style="list-style-type: none"> <li>➤ Easy To Apply</li> <li>➤ Zero VOC</li> <li>➤ HAPs Free</li> <li>➤ AIM Compliant</li> <li>➤ Mild Odor</li> <li>➤ Quick Recoat Time</li> <li>➤ Tint-able With Industrial Colorants</li> <li>➤ Short Filled For Tinting (118 oz fill level)</li> </ul>		

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## PRODUCT DATA SHEET CC2401 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:

Tint the stain base to desired color and mix thoroughly with mechanical agitation to ensure the colorant is fully incorporated. After tinting, mix material thoroughly before and during use. Material may be mixed by hand or mechanical agitation at moderate speed. Maximum tint capacity is 10 oz. per gallon.



### Application:

Always test the stain for color and appearance before starting a job. Intermix 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 dwell 1 minute. 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. For best results, allow the same amount of dwell time on each piece you are staining. Do not leave stain on surface without wiping! Leaving an excessive amount of stain on the surface may lead to adhesion failure or affect the curing of the topcoat system. After a minimum of 60 minutes dry time, finish with an approved Gemini coating system. Dry time will be longer if cooler temperatures or high humidity are present. Make sure the stain is completely dry before re-coating.



### Recommended Tip Sizes:

Conventional Air	1.3-1.8 mm
HVLP	1.5-1.9 mm



### 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.

### Clean up:

Use SOL-0020 Acetone, or SOL-9032 Zero VOC Lacquer Thinner to clean up all equipment. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.