



WOOD FINISHING SYSTEMS

M.L. Campbell
224 Catherine Street
Fort Erie, Ontario L2A 5M9 Canada
Tel: 1(800) 364-1359
Web: www.mlcampbell.com

Product Information (PI) Sheet

Product: WoodSong II 20% Solids Stain Base

Code(s): WS2 B20

Description: WoodSong II Hi-Solids Stain Base WS2B20 was specifically designed to work with MLC colorants for color formulation. The HAPS compliant WoodSong II Hi-Solids formula allows the user better workability. You can achieve deeper, richer colors with WoodSong II because of its formula clarity and consistency.

Other Products: A full range of sealers and finish coat lacquers are available for finishing. For special color effects, see Blending & Tinting below. Note: WoodSong Microtone Toners, WoodSong and WoodSong II Stains are the only stains recommended for use with M.L. Campbell products.

Physical Properties (packaged)
Weight per Gallon: 7.06 lbs.
% Solids - by Weight: 20-22
% Solids - by Volume: 14-16
Flash Point (PMCC): 70°F or 21°C
Maximum VOC: 689 g/l (5.75 lb/gallon)
Photochemically Reactive: No

Blending & Tinting
The WoodSong II Hi-Solids Stain Base may be tinted with MLC colorants, Microtons, Dye Concentrates, Transparent Pigments and Gilsonite (up to 19 ounces per gallon) for special colors. Please Note: WS2B20 is short filled only 13 ounces per gallon.

Surface Preparation
Apply only to smooth sanded, new wood, or completely stripped old wood surfaces. All wood must be free from dirt, oil, glues and other contaminants or penetration and adhesion will be affected.

Reduction
No reduction is required for spray or brush application.

Application Procedure
All pigmented stains must be stirred thoroughly prior to use and frequently during use.
Spray: Spray guns should be operated at low pressure (35 lbs. or less on atomizing pressure). Apply a full wet coat on all surfaces.
Brush: Use a standard brush application to obtain a full, wet coat.
Wiping: Wipe off excess stain with a lint-free rag after 1 to 20 minutes air dry. Hot spray application is not recommend.

Recoating
After a minimum of 60 minutes air dry, re-coat all stain with a selected finish system of lacquer sealer and finish coat. If stain is used to touch up areas, these touch up spots should also be finished for protection.

### Color Effects

**Wiping:** Color and grain emphasis are affected by the dry time between application and wiping. Wiping in 1 minute will give the lightest color and most grain definition. As time is extended up to 20 minutes, a darker color and less grain is obtained.

### Equipment Cleanup

- Use lacquer thinner to clean up all equipment.
- Dispose of dirty solvent and cleaning rags in a safe and approved manner.
- Dirty rags from stain wiping or cleaning should be stored in water filled, closed containers prior to disposal.

### Packaging/Shipping

**Available Units:** Gallons and Pails.

### Shelf Life and Storage

- Store in cool, dry areas in the original sealed containers.
- Do not store around any source of flames or sparks.
- Spills should be cleaned up with non-sparking tools and inert absorbent material.

### DOT Classification

Flammable Liquid

Red Label

UN1263

### B/L Description

Paint

UN1263

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Pg II

### Caution

- **THESE PRODUCTS ARE DESIGNED FOR SHOP APPLICATION AND PROFESSIONAL USE ONLY.**
- Use only after all safety information is understood.
- Refer to the Material Safety Data Sheet (MSDS) for additional information.

### Testing

Due to the wide variety of substrates, surface preparation methods, application methods, and environments, customers should test the complete system for adhesion and compatibility under their conditions prior to full-scale application.

### Notes

The information, rating, and options stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application that are not known or under our control, M.L. Campbell cannot make any warranties as to the end result. *Thank you for using M.L. Campbell Wood Finishing products.*