



WOOD FINISHING SYSTEMS

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Product Information (PI) Sheet

Product: Deep Penetrating Stain Base

Code(s): WS2DPS10

Description: A low Solids VOC compliant alkyd stain base that penetrates the wood to obtain darker colors resulting in excellent grain definition. WS2DPS10 has outstanding application properties and excellent open time to wipe. WS2DPS10 is compliant for California SCAQMD for a low solids stain.

Uses: Designed to work specifically with ML Campbell Industrial Colorants, ML Campbell dyes and transparent pigments to obtain deeper and richer colors on wood.

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

Physical Properties (packaged)
Weight per Gallon: 7.21
% Solids - by Weight: 10.13
% Solids - by Volume: 8.03
Flash Point (PMCC): 70F (21C)
Packaged VOC: VOC (Coating) 684 g/l (5.71 lb/gal)
VOC (Material) 407 g/l (3.40 lb/gal)
Photochemically Reactive: No

Surface Preparation
New Work: Remove any dirt, grease or other contamination and sand as required.
Old Work: Strip old finishes completely and remove all contaminants from the surface. Make sure surface is dry. Finish as new work.

Tinting
WS2DPS10 Stain Base may be tinted using the MLC Colorants, Microtons, Dye Concentrates, Transparent Pigments and Gilsonite. NEVER exceed 15% by weight for Gilsonite to maintain compatibility in the WS2DPS10 base.
PLEASE NOTE: WS2DPS10 is short filled by only 18 ounces per gallon.

Reduction
No reduction is required or recommended for spray or brush application.

Mixing
To ensure color consistency during application, stir thoroughly before and during use.

Application Procedure

These stains should be sprayed or wiped on generously. All stains should be well stirred/mixed prior to use and frequently during use. Excess stain must be thoroughly wiped off and allowed to dry. Color and grain emphasis are affected by the time between application and wiping off. Short application times will give the lightest color, while extended application time will give a deeper color.

Refer to spray equipment suppliers, recommendations for fine lacquer atomizing spray guns, air caps, and fluid needles.

Note: Hot spray application is not recommended. If hot spray equipment is used, temperature settings should never be over 110°F or 43° C.

Equipment Clean Up

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

Drying Times (at 77° F or 25° C)

Dry to Touch:	15 minutes
Dry to Recoat:	45 minutes

Packaging/Shipping

Available Units:	Gallons
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Shelf Life and Storage

3 years

DOT Classification

Flammable Liquid	Red Label	UN 1263		
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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.*