



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: High Performance WB Production Lacquer Clear

Code(s):	C127954 Satin
-----------------	--------------------------------

Description: HP Water Borne Production Lacquer is a GREENGUARD certified, technically advanced single component clear designed for interior wood millwork surfaces. HP Water Borne Production Lacquer Clear is based on European acrylic copolymer resin technology that passes all KCMA as well as AWI Chemical and Moisture Resistance tests. It also offers a fast dry, low VOC, HAPs Free formula which provides trouble free production application as well as a very smooth appearance and touch. The HP WB Production Lacquer complete system is ideal and features an easy sanding sealer that is highly recommended to provide a flat sealed surface before top-coating.

Uses: For use on commercial and residential millwork, furniture and display fixtures.

Other Products: C127959 HP WB Production Lacquer Sealer. For stain requirements, see M.L. Campbell WoodSong II Series Water Borne Stains and Dyes.

Physical Properties (packaged)	
Weight per Gallon:	8.42 ± 0.2 lbs.
Viscosity - Ford #4 at 77°F/25°C:	< 60 seconds
% Solids - by Weight:	35 ± 2.0
% Solids - by Volume:	33 ± 2.0
Theoretical Coverage at 1 Mil Dry: <small>(Coverage figures DO NOT INCLUDE spray loss. Also allow for surface irregularities and porosity of wood surface to be finished.)</small>	529 sq. ft. per gallon
Flash Point (PMCC):	200°F or 93°C
Color:	Milky White
Sheen (60° Glossmeter):	Satin 35±2
Packaged VOC:	241.50 g/l (2.0 lbs./gallon)
Volatile HAPS (lbs/lbs of solids):	0.00 lbs/lb
Photochemically Reactive:	No

Surface Preparation	
New Work:	Remove any dirt, grease or other construction contamination from surface. Sand wood as required.
Old Work:	Remove any dirt, grease, or other contamination from surface. Sand well to improve adhesion.

Reduction	
Product does not require reducing, but can be thinned with distilled water (use very small amounts at a time). Thinning should be limited to 5%. Over thinning can cause sags due to high solids content of product.	



WOOD FINISHING SYSTEMS

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

Application Procedure

All surfaces should be well sanded and remove sanding dust before finishing. Always agitate thoroughly before application. Water Borne coatings do not redissolve; therefore, it is recommended that the coating is strained before application. When applying over a stain, be sure the stain has dried completely. HP WB Production Lacquer Sealer is highly recommended as a first sealer coat. Application should be 4 to 5 wet mils per coat. Sand HP WB Production Sealer flat using 280-320 grit sandpaper prior to HP WB Production Clear Lacquer topcoat application. Do not sand through sealer or an additional coat may be required. Scuff sanding between coats is required. Remove all sanding dust before finishing. HP WB Production Lacquer Clear wet mil film application should be 4 to 5 mils per coat. If an additional coat is desired, it should be applied after complete drying of the previous coat. Sand between coats using 280-320 sand paper. Always sand just prior to recoating.

IMPORTANT – If clear topcoating is required to protect an HP WB Production Lacquer pigmented color coat apply no more than one HP WB Production Lacquer Clear protective topcoat.

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. Apply using only stainless steel or plastic spray equipment. If aluminum equipment is used, some oxidation may occur.

Equipment Clean Up

- All equipment should be flushed with warm water immediately after use.
A subsequent flush with alcohol will insure all moisture is removed from the system.

Drying Times (at 77° F or 25° C)

Table with 2 columns: Drying Type and Time. Rows include Dry to Touch (10-15 minutes), Sanding Dry (15-30 minutes), and Stacking Dry (4-6 hours).

Packaging/Shipping

Table with 2 columns: Category and Description. Rows include Available Units (Pails) and Shipping Caution (Restrictions for shipments of freezable materials).

Shelf Life and Storage

- Freezable – store in airtight containers.
Protect from temperature extremes.
Shelf life is 3 years.

DOT Classification

Table with 3 columns: Material Type, Classification Code, and Hazard. Row: Paint and Related Material, NOIBN, Protect from Freezing.

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.

