



WOOD FINISHING SYSTEMS

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Product Information (PI) Sheet

Product:

Code(s):	MC148 18SF Gloss	MC148 16SF Semi-Gloss	MC148 14SF Satin	MC148 12SF Dull
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Description: *MAGNAMAX CLEAR TINT BASE* is a premium quality, water white, pre-catalyzed lacquer. *MAGNAMAX* is a hi-solids, self-sealing, fast dry formulation that has exceptional resistance to water, solvents, and household chemicals. *MAGNAMAX CLEAR TINT BASE* represents the latest in durable, long lasting wood finishing technology that meets AWI System 2 chemical and moisture resistance standards. *MAGNAMAX CLEAR TINT BASE* features a HAPS-free formulation and ultra low formaldehyde, meeting world E-1 standards for a better work environment.

Uses: *MAGNAMAX CLEAR TINT BASE* Pre-catalyzed Lacquer is a user friendly, furniture quality lacquer designed for use on kitchen and bathroom cabinets, household or office furniture, and the wood parts of upholstered furniture. *MAGNAMAX CLEAR TINT BASE* passes all KCMA tests, and AWI System 2 chemical and moisture resistance tests.

Other Products: For stain requirements, see M.L. Campbell WoodSong II Wiping Stains or Microton Spray Stains. *MAGNAMAX CLEAR TINT BASE* is self-sealing. If separate sealers is desired, use M.L. Campbell C156 10 AC Sealer or C100 25 Vinyl Sealer.

Physical Properties (packaged)	
Weight per Gallon:	7.87 ± 0.2 lbs.
Viscosity - Ford #4 at 77°F/25°C:	25-31 seconds
% Solids - by Weight:	33 ± 2
% Solids - by Volume:	25.36 ± 3
Theoretical Coverage at 1 Mil Dry: (Coverage figures DO NOT INCLUDE spray loss. Also allow for surface irregularities and porosity of wood surface to be finished.)	407 sq. ft. per gallon ± 5
Flash Point (PMCC):	48°F (9°C)
Color:	Clear to Hazy
Sheen (60° Glossmeter):	Gloss 85+, Semi-Gloss 65 ± 2, Satin 35± 2, Dull 15 ± 2
Packaged VOC:	624 ± 4 g/l or 5/2 ± .1 lbs./gal.
Photochemically Reactive:	No

Surface Preparation	
New Work:	Remove any dirt, grease or other contamination and sand as required. If desired, apply WoodSong II Stain, as directed by the specific M.L. Campbell Product Information Sheet, prior to finishing.
Old Work:	Strip old finishes completely and remove all contaminants from the surface. Make sure surface is dry. Finish as new work.

Tinting

MAGNAMAX CLEAR TINT BASE can be tinted with up to 10 ounces of colorant. The use of excessive colorant will weaken the film integrity. Products should be tinted with M.L. Campbell Industrial Colorants. **DO NOT** tinte with colorants that contain Glycol.

Mixing

Mix well before using. Material may separate during long-term storage.

Reduction

If blushing occurs, use M.L. Campbell's C162 Flow Enhancer 1, or C161 1 Care Retarder.

Application Procedure

MAGNAMAX CLEAR TINT BASE is formulated to be a self-sealing system. Always agitate thoroughly before application. Apply 2-3 coats at 3-6 mils wet on sanded substrate. The second or third coats should be applied after complete drying of the previous coat. Sand between coats using 280-320, Fre-cut (no fill) type sand paper. Always sand just prior to recoating. The total dry film build should be at least 2.5 mils and should not exceed 5 dry mils. **MAGNAMAX CLEAR TINT BASE** should be applied when temperatures in the spray room are at a minimum of 68°F (20°C).

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: 15-25 minutes

Sanding Dry: 30-45 minutes

Stacking Dry: 4-6 hours

Packaging/Shipping

Available Units: Gallons and Pails

Shelf Life and Storage

- The shelf life is 120 days after catalyzation if stored in a cool, dry area in the original sealed containers. See container for catalyzation date. 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

UN 1263

B/L Description

Paint

UN 1263

3

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.*