



WOOD FINISHING SYSTEMS

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Product Information (PI) Sheet

Product: Klearplast VOC Clear

Code(s):	C200 12 Dull	C200 14 Satin	C200 16 Semi-Gloss	C200 18 Gloss
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Description: A VOC compliant formula using a unique combination of Acrylic and CAB (Cellulose Acetate Butyrate) resins to produce the best properties of a water clear non-yellowing finish, with excellent adhesion, fast dry, outstanding moisture resistance, ease of application and long-term durability.

Uses: Intended for use as an interior clear topcoat over white, pickled or light pastel stains where the best non-yellowing properties are required. Klearplast VOC can also be applied over unstained woods and materials such as brass and copper. In addition, metallics can be mixed into Klearplast VOC. Klearplast VOC can also be used as a non-yellowing protective finish over pigment lacquer.

Other Products: For stain, see M.L. Campbell WoodSong II Wiping Wood Stain information.

Physical Properties (packaged)	
Weight per Gallon:	7.63 lbs. ± 0.2
Viscosity - Ford #4 at 77°F/25°C:	31-38 seconds
% Solids - by Weight:	26.9 ± 2.0
% Solids - by Volume:	21.3 ± 2.0
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.)	357 sq. ft. per gallon
Flash Point (PMCC):	40°F or 5°C
Color:	0-2 GH Hazy
Sheen (60° Glossmeter):	
Packaged VOC:	667-671 g/l (5.56-5.60 lbs./gal) *Maximum VOC shown is with no lacquer thinner added to product. Reduction with lacquer thinner will increase VOC levels.
Photochemically Reactive:	Yes

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 (PI) 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. If cratering develops on old work, Fish Eye Killer may remedy this problem, if the contamination is not severe.

Reduction

No reduction is required; however, small amounts of lacquer thinner (C160 36 Lacquer Thinner) may be used if required for specific equipment. If blushing occurs, use M.L. Campbell C161 1 Care Retarder. Slow Reducer #1 C162 is designed to replace standard Lacquer Thinner in Klearplast VOC during those periods of extreme heat and humidity often associated with the southern climates. CAUTION: The use of too much Slow Reducer can cause sags on vertical applications.

Mixing

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

Application Procedure

Klearplast VOC Stay Clear Wood Finish can be used over itself as its own sealer. It has excellent sealing properties and sands well. If a sealer is desired, M.L. Campbell recommends the use of C100 25 Water White Vinyl Sealer. Conventional nitrocellulose sanding sealers containing stearates are not recommended. A light (scuff) sand between coats is always recommended. When sanding between coats, use a no fill type sandpaper. A good finish can be developed with Klearplast by applying 3 coats (at 4-5 wet mils per coat), but apply no more than 4 coats. Klearplast should be applied when temperatures in the drying room are a minimum of 65°F. (18°C). Always agitate thoroughly before application.

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:	15-30 minutes
Stacking Dry:	12 hours

Packaging/Shipping

Available Units:	Gallons and Pails.
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Shelf Life and Storage

- Package life is 3 years - 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	UN 1263		
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B/L Description

Paint	UN 1263	3	PG II	
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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.*