



WOOD FINISHING SYSTEMS

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Product Information (PI) Sheet

Product: Clawlock 275 Primer/Undercoater

Code(s): W121429

Description: ML Campbell's Clawlock 275 VOC Primer/Undercoater is a Post-Catalyzed HAP's compliant, two component (amino-alkyd) formulation. Clawlock 275 was developed for interior wood surfaces. Clawlock 275 is easy sanding and provides an excellent base coat for the start of a high performance 275g/l VOC pigmented finishing system.

Uses: Can be used on wood or MDF board, kitchen and bathroom cabinets, dormitory, household, office or laboratory furniture, display fixture and wood parts of upholstered furniture.

Other Products: Other products to reference: For catalyst use C143 1 Care Catalyst – Low VOC. For a 275g/l VOC topcoat use Stealth 275 MW12142X Series. For reducer use VOC compliant solvents.

Physical Properties (packaged)
Weight per Gallon: 10.04 ± 0.2 lbs.
Viscosity - at 77°F/25°C: 1350 – 1650 cps
% Solids - by Weight: 54.5 ± 2
% Solids - by Volume: 36.2 ± 2
Theoretical Coverage at 1 Mil Dry: 580 ± 10 sq. ft. per gallon
Flash Point (PMCC): 7 °F or -15 °C
Color: White
Sheen (60° Glossmeter): N/A
Packaged VOC: 1.5 lb/gal, 150 g/l. With 5% C1431 - 1.91 lb/gal, 229 g/l
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 (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.

Reduction
Reduce with 10-20% Acetone or PCBTF as needed. Use of a VOC solvent will cause the product to be non compliant in certain areas.

Mixing
Clawlock 275 is designed to begin cross-linking with the addition of 6.4 oz per gallon (5% by volume) of C143 1 Care Catalyst – Low VOC. Always mix in the catalyst thoroughly before application. No waiting or sweating in time is required. Reduce as required after catalyzing.

Application Procedure

Clawlock 275 should be used within 8 hours after catalyzation. Do not apply material in too heavy of a film (4-5 mils wet are recommended). Too much coating weight can cause recoating and durability problems. A thorough sanding between coats is always recommended. A durable base coat can be developed by applying one coat (apply no more than two coats) on wood and two coats on MDF board. Recommended total system dry mil film thickness after sanding, should not exceed 4-5 dry mils. Always agitate thoroughly during application. When sanding between coats, use Fre-Cut (no-fill) type sand paper. **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 acetone 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:	25 ± 10 Minutes
Sanding Dry:	60 ± 10 Minutes
Stacking Dry:	Minimum 12 Hours

Packaging/Shipping

Available Units: Gallons and Pails.

Shelf Life and Storage

- Package life is 3 years - Store in cool dry areas in original sealed containers.
- Do not store around any source of flame or sparks.
- Spills should be cleaned up with non-sparking tools and inert absorbent material.

DOT Classification

Flammable liquid	Red label	UN1263
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B/L Description

Paint	UN1263	3	PGII
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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.*