



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: Clawlock II High Solids Catalyzed Primer White

Code(s): W120829

Description: ML Campbell's Clawlock II High Solid Catalyzed Primer White HAP's compliant finish is a fast drying, high solid, two component (alkyd-amino) formulation. Clawlock II High Solids Catalyzed Primer White is a higher solids product developed to give a higher film thickness per coat for better build – one coat is all that is needed for most pre-catalyzed and post-catalyzed topcoats.

Uses: Clawlock II High Solids Catalyzed Primer is specifically designed for interior wood surfaces that are exposed to moisture, heat and household chemicals.

Other MLC Products: Other products to reference: For catalyst use C1431 Care Catalyst Low VOC or C1491 Care Catalyst. For lacquer thinner use C160 36 Standard Lacquer Thinner.

Physical Properties (packaged)
Weight per Gallon: 10.87 +/- 0.2 lbs.
Viscosity – CPS at 77°F/25°C: 800-1000 cps
% Solids - by Weight: 67.0 +/-2
% Solids - by Volume: 45.0 +/-2
Theoretical Coverage at 1 Mil Dry: 720 +/-10 sq. ft. per gallon
Flash Point (PMCC): 48°F (8.8°C)
Color: White
Sheen (60° Glossmeter): Flat
Packaged VOC: 3.6 lb/gal, 439 g/l
Photo-chemically Reactive: No

Surface Preparation
New Work: Remove any dirt, grease, glue or other construction contaminants and sand wood as required.
MDF Board: Remove any dirt, grease, glue or other construction contaminants and sand wood as required.
Old Work: Strip old finishes completely and remove all contaminants from surface.

Catalyzation

Clawlock II High Solids Catalyzed Primer White is designed to begin cross-linking with the addition of 12.8 oz per gallon (10% by volume) C1491 Care Catalyst or 6.4 oz per gallon (5% by volume) of C1431 Care Catalyst Low VOC. Always mix in the catalyst thoroughly before application. No waiting or sweating in time is required. After catalyzation Clawlock II High Solids Catalyzed Primer White has a pot life (usable time) of 8 hours.

Reduction

When used with conventional air spray, HVLP, air assisted airless spray, or airless spray, Clawlock II should be reduced 20% with C160 36 Standard Lacquer Thinner. The amount of reduction necessary is dependent on the type of equipment being used.

Application Procedure

For best results and maximum durability, Clawlock II High Solids Catalyzed Primer White should be used within 8 hours after catalyzation. Catalyzed type coatings develop very durable finishes but require controlled procedures. Do not apply material in too heavy a film (4 to 5 mils wet are recommended). Too much coating weight can cause recoating and durability problems. A thorough sanding between coats is always recommended. An excellent, very durable base coat can be developed by applying just one coat (apply no more than two coats) on wood and two coats on MDF. Recommended total finish system dry mil thickness after sanding, should not exceed 5 dry mils. Always agitate thoroughly during application. Clawlock II High Solids Catalyzed Primer White is formulated to be fast drying and have excellent sanding properties. When sanding between coats, use Fre-cut (no fill) 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 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.

Tinting

Clawlock II is not supplied in a controlled tinting strength, but can be tinted with up to 6 ounces of M.L. Campbell Industrial colorants. Do not tint with colorant that contains Glycol.

Drying Times (at 77° F or 25° C)

Dry to Touch:	10-20 minutes
Recoat Time:	20-30 minutes
Stacking Dry:	6 hours plus

Packaging/Shipping

Available Units:	Gallons and Pails
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Shelf Life and Storage

- 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. Package life is 3 years.

DOT Classification

Flammable liquid	Red Label	UN1263	
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B/L Description				
Paint	UN1263	3	PGII	

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.*