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Product Information (PI) Sheet

Product: **KWIK-CLAW™ FD CV Primer White**

Code(s):	**W140699**			

Description: ML Campbell's **KWIK-CLAW™ FD CV Primer White** HAP's compliant finish is a fast drying, high solid, two-component (alkyd-amino) formulation. KWIK-CLAW™ FD CV 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: KWIK-CLAW™ FD CV Primer White 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:	11.00 ± 0.2 lbs.
Viscosity – CPS at 77°F/25°C:	800-1200 cps
% Solids - by Weight:	64.0 ± 2
% Solids - by Volume:	42.0 ± 2
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.)	670 ±10 sq. ft. per gallon
Flash Point (PMCC):	48 °F (8.8 °C)
Color:	White
Sheen (60° Glossmeter):	Flat
Packaged VOC:	3.95 lb/gal, 474 g/l
Photo-chemically Reactive:	No

Surface Preparation	
New Work:	Remove any dirt, grease, glue or other construction contaminants and sand wood as required. When using high solids coatings on wood, it is important that the wood retains a profile after sanding for the coating to lock onto. High solids coatings like KWIK-CLAW™ FD CV Primer White requires a slight profile left on the wood after sanding. For best adhesion, finish sanding on wood, should be done using a maximum of 150 grit paper. Always be sure that sanding belts and sandpaper used are not worn, as worn sanding materials tend to polish the wood.
MDF Board:	Remove any dirt, grease, glue or other construction contaminants and sand wood as required. Routed areas on MDF board should be sanded with a fine grade of sandpaper, a minimum of 400 grit. UV filled MDF board must be sanded before application of KWIK-CLAW™ FD CV Primer White to assure good inter-coat adhesion.
Old Work:	Strip old finishes completely and remove all contaminants from surface. When surface is dry, sand as required. Finish as new work.

Catalyzation

KWIK-CLAW™ FD CV 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 KWIK-CLAW™ FD CV 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, KWIK-CLAW™ FD CV Primer White 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, KWIK-CLAW™ FD CV 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. KWIK-CLAW™ FD CV Primer White is formulated to be fast drying and have excellent sanding properties. When sanding between coats, use Fre-cut (no fill) sandpaper.

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

KWIK-CLAW™ FD CV Primer White 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 - 8 Hours

Packaging/Shipping

Available Units:	Gallons and Pails

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		

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 Safety Data Sheet (SDS) 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.***