

Product Information (PI) Sheet

Product: CODA™ Interior Hybrid Polyurethane Black Primer

Code(s) : B37579

Description: CODA Interior Hybrid Polyurethane Black Primer is two-component acrylic/alkyd resin blend that is GREENGUARD™ certified and offers exceptional adhesion, coverage and quick dry times.

Uses: CODA Interior Hybrid Polyurethane Black Primer's formula is specifically designed for interior wood surfaces that are exposed to moisture, heat and household chemicals. It can be used for table tops, bar tops, cabinets, millwork, furniture, fixtures, and other wood surfaces.

Other Products: CODA Interior Hybrid Polyurethane Black Primer is designed to be catalyzed with **C41077** CODA Non-Yellowing Catalyst. Do not use or intermix with any other catalyst!

For clean-up use **PS3** Reducer or **PS1** Fast Reducer. For retarder use **PS5** Retarder. Do not use other solvents.

Physical Properties		
	Packaged	Blended 10:1
Weight per Gallon	9.06 ± 0.2 lbs	9.03 ± 0.2 lbs
Viscosity - Ford #4 at 77°F/25°C	100 ± 10 Seconds	80 ± 10 Seconds
% Solids - by Weight	49.0 ± 2.0	51.0 ± 2.0
% Solids - by Volume	36.0 ± 2.0	40.0 ± 2.0
Theoretical Coverage at 1 Mil Dry <i>(Coverage figures DO NOT INCLUDE spray loss. Also allow for surface irregularities and porosity of wood surface to be finished.)</i>	581 ± 25 Sq. Ft Per Gallon	630 ± 25 Sq. Ft Per Gallon
Flash Point (PMCC)	24°F	24°F
Color	Black	
Sheen (60° Glossmeter)	N/A	
Packaged VOC	556 g/l (4.64 lbs./gallon)	529 g/l (4.42 lbs./gallon)
Photochemically Reactive	No	No

Surface Preparation	
New Work:	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 the surface. Make sure surface is dry, sand as required. Finish as new work. If cratering develops on work, Fish Eye Killer WR5 may remedy this problem (if the contaminant is not too severe).

Reduction
When used with conventional air spray, HVLP, air assisted airless spray, or airless spray, CODA Interior Hybrid Polyurethane Black Primer should be reduced 15-20% by weight with the PS3 series of solvent blends to achieve optimal flow and leveling. The amount of reduction necessary is dependent on the type of equipment being used. Please refer to the PS series usage chart for specific reducer recommendations. Consult your local VOC regulations before purchasing and applying these products.

Mixing
CODA Interior Hybrid Polyurethane Black Primer has been developed to crosslink with C41077 CODA Non-Yellowing Catalyst. Mixing ratio by volume is 10:1 or 100 parts of CODA Interior Hybrid Polyurethane Black Primer to 10 parts of C41077 CODA Non-Yellowing Catalyst (which is a 10% catalyzation rate). Always mix before using. No waiting/induction time after mixing is required. Reduce as indicated in previous section. Pot life is up to three (3) hours and will be affected by temperature and humidity (higher temperatures and humidity levels will decrease pot life times). Product viscosity will rise as pot life expires. Do not attempt to extend pot life.

Application Procedure

An excellent, very durable, exceptional build finish can be developed following a range of schedules listed below. Apply each coat at 3-4 wet mils. Note that CODA Interior Hybrid Polyurethane Black Primer should be used under the CODA Interior Clear Hybrid Polyurethane topcoat.

Apply 1st coat of CODA Interior Hybrid Polyurethane Black Primer over sanded wood substrate. Wait about an hour and then sand using no finer the 320 grit silicon carbide sandpaper. Repeat Primer step as necessary.

Apply 1st coat of CODA Interior Clear Hybrid Polyurethane topcoat. Wait about an hour and then sand using no finer then 320 grit silicon carbide sandpaper. Apply 2nd coat of CODA Interior Clear Hybrid Polyurethane topcoat. If 3rd coat is desired, wait an hour and then sand using no finer then 320 grit silicon carbide sandpaper and then apply 3rd coat of CODA Interior Clear Hybrid Polyurethane topcoat.

Sanding is always recommended between coats. Wet on tack applications are acceptable within 2 hours of initial application.

Do not exceed 8 dry mils. Before application, material, surface and air temperature should be a minimum of 68^oF or 20^oC.

Equipment Clean Up

- Use PS3 Reducer or PS1 Fast Reducer to clean up all equipment.
- Dispose of dirty solvent and cleaning rags in a safe and approved manner.

Drying Times (at 77° F or 25° C)

Dry to Touch:	30-45 Minutes
Sanding Dry:	1 Hour
Stacking Dry:	6-8 Hours

Note: These times are directly affected by heat and humidity and caution must be taken to guarantee that the product is thoroughly cured before stacking.

Packaging/Shipping

Available Units	Gallons and Pails.
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Shelf Life and Storage

- Package life is (3) three years - Store in a cool dry area 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 III	
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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) or 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.*