

Product Information (PI) Sheet

Product: Stealth Clear Base - Conversion Varnish

Code(s):	W387212 Dull	W387214 Satin	W387216 Semi-Gloss	W387218 Gloss
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Description: Stealth Clear Base is a high solids tint base designed for producing darker pigmented colors when tinted using M.L. Campbell IC800 Industrial Colorants. Stealth Clear Base is a non-yellowing, post-catalyzed amino alkyd finishing system that leaves a unique smooth to the touch finish. It is a low odor, easy to apply formulation that has exceptional resistance to water, solvents, and household chemicals. Stealth Clear Base represents the latest in durable, long-lasting wood finishing technology.

Uses: Stealth Clear Base was specifically designed for interior wood projects and surfaces that are exposed to moisture, heat, and household chemicals.

Other Products: For catalyst, use C1491 Care Catalyst or C1431 Care Catalyst Low VOC (see Mixing Section for details). For primers use W3709 Clawlock Primer, W120829 Clawlock II High Solids Primer or W122529 Level Primer.

Physical Properties (packaged)	
Weight per Gallon:	8.0 lbs. ± 0.3
Viscosity - Ford #4 at 77°F/25°C:	25 ± 5 seconds
% Solids - by Weight:	41.00 ± 2
% Solids - by Volume:	33.00 ± 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.)	536 ± 5 sq. ft. per gallon
Flash Point (PMCC):	32 °F or -1.7 °C
Color:	Clear
Sheen (60° Glossmeter):	Dull: 15 ± 2, Satin: 35 ± 2, Semi-Gloss: 65 ± 2, Gloss: >80
Packaged VOC: (Check label or MSDS for VOC by sheen)	549 ± 5 g/l or 4.58 lbs/gallon
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.

Tinting	
Stealth Clear Base can be tinted with up to 10 ounces of ML Campbell IC800 Industrial Colorants. The use of excessive colorant will weaken the film integrity. DO NOT tint with colorants that contain Glycol.	

Mixing

Stealth Clear Base has been developed to start its cross-linking (drying) with the addition of Care Catalyst:

- Use 10% C1491 Care Catalyst **or** 5% C1431 Care Catalyst Low VOC

Always add and mix the catalyst thoroughly before any reduction and application. No waiting period (sweating in time) is necessary before using this product. After catalyzation and reduction, Stealth Clear Base has a pot life (usable time) of eight hours. Be careful not to sand through the base coat before recoating.

Reduction

Reduce 10% with ML Campbell C162 1 Care Reducer for spray application. Additional reduction may be required for specific equipment. If a retarder is needed, use C163 Flow Enhancer #2 or C1611 Care Retarder.

Application Procedure

Post-catalyzed type coatings develop very durable finishes but require controlled application procedures. An excellent long lasting finish can be developed by applying two coats Stealth Post-catalyzed Conversion Varnish over one or two coats of W3709 Clawlock Primer, W120829 Clawlock II High Solids Primer or W122529 Level Primer. For maximum holdout and to achieve the highest level of gloss when using Stealth Clear Base Gloss, use W122529 Level Primer.

Use two coats of Stealth Clear Base over primed surface. Always agitate thoroughly before application. The second coat should be applied after complete drying of the previous coat. Sand between coats using 320 grit sand paper. Always sand prior to recoating. The total dry film build should be at least 2.5 mils and should not exceed 5 dry mils. Stealth Clear Base should be applied when temperatures in the spray room are at a minimum of 68°F or 20° C.

When spraying the product using a HVLP cup gun or an air assisted airless pump, use a 1.4 tip for optimum flow and workability. It is also recommended to use 30 lbs atomizing air pressure and 420 lbs fluid pressure to achieve maximum results. Note: Fluid pressure and air pressure settings are dependent on the size and type (ratio) of AAA pump used.

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 or VC16936 Fast Reducer VOC Exempt 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 – 20 minutes
Sanding Dry:	30 – 45 minutes
Stacking Dry:	4 to 5 hours

Packaging/Shipping

Available Units:	Gallons
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Shelf Life and Storage

- 3 year shelf life
- 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	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.*