



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: Krystal 550 Catalyzed Varnish

Table with 4 columns: Code(s), C111422 Dull, C111424 Satin, C111426 Semi-Gloss, C111428 Gloss

Description: Krystal 550 is part of a new generation of post-catalyzed alkyd amino finishing system that offers the ultimate in durability. The Krystal 550 formula is water white and non-yellowing.

Uses: Krystal 550 formula is specifically designed for interior wood surfaces exposed to moisture, heat and household chemicals.

Other Products: For catalyst use C1431 Low VOC Care Catalyst. For lacquer thinner use VC16936 Fast Reducer VOC Exempt. To improve flow and leveling use VC1681 Medium Reducer VOC Exempt or VC1671 Slow Retarder VOC Exempt.

Table with 2 columns: Physical Properties (packaged), Weight per Gallon, Viscosity, % Solids by Weight, % Solids by Volume, Theoretical Coverage at 1 Mil Dry, Flash Point, Color, Sheen, Packaged VOC, VOC as applied, Photo-chemically Reactive

Table with 2 columns: Surface Preparation, New Work, Old Work

Table with 1 column: Reduction

### Mixing

Krystal 550 has been developed to start its cross-linking (drying) with the addition of 6.4 ounces (5%) of C1431 Low VOC Care Catalyst. Always mix the catalyst thoroughly before application. No waiting period (sweating in time) is necessary before using this product. Once Krystal 550 has been catalyzed it has a pot life of 8 hours.

### Application Procedure

Apply 3 coats at 4-6 Wet mils on sanded substrate. The second or third coat should be applied after complete drying of previous coats sanding between using 220-280-grit Fre Cut (no fill) type sand paper. Always sand just prior to recoating. The total dry film should be at least 4 dry mils and should not exceed 5 dry mils. Krystal 550 should be used as its own sealer. The use of conventional nitrocellulose sealers containing stearates is NEVER recommended.

**Refer to spray equipment suppliers recommendations for fine atomizing spray guns, air caps and fluid needles. Note:** Hot spray application is not recommended. If hot spray equipment is used the temperature setting should never be over 110°F or 43°C.

### Drying Times @ 77°F (25°C)

<b>Dry to touch:</b>	15 minutes
<b>Sanding Dry:</b>	30 minutes
<b>Stacking Dry:</b>	<b>Air Dry:</b> after 24 hours <b>Oven Dry:</b> 1 hour @ 50°C (can be stacked after 1 hour cool down) Note: Heat and humidity directly affect these times and caution must be taken to guarantee that the product is thoroughly cured before stacking.

### 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.

### Packaging/Shipping

**Available Units:** Pails.

### Shelf Life and Storage

- Package life is 3 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 using non-sparking tools and inert absorbent material.

### DOT Classification

Flamable Liquid	Red Label	UN 1263		
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### B/L Description

Paint	UN 1263	3	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.*