M.L. CAMPBELL

WOOD FINISHING SYSTEMS

KLEARVAR®

POST-CAT CLEAR CONVERSION VARNISH

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clear
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KlearVar Post-Cat Clear Conversion Varnish represents the latest in durable, long-lasting wood finishing technology. KlearVar is a high solids, water white, non-yellowing, post-catalyzed amino alkyd finishing system that leaves a unique, smooth-to-the-touch finish. It is a low odor, self-sealing, easy-to-apply formulation that has exceptional resistance to water, solvents and household chemicals.

KlearVar Offers Unique Advantages:

- **Water white and non-yellowing**
- **Unique, smooth-to-the-touch rich finish**
- **Post-cat technology and performance**
- **Ultra low formaldehyde**
- **Self-sealing formula with outstanding sanding properties – sealer is optional**
- **42% solids – just two coats will build an excellent finish**
- **Quick drying cycle – faster cross-linking eliminates lifting problems on recoat and touch-up, common with some post-catalyzed varnishes**
- **Exceptional durability and resistance to water and wear by usage**

HAPS COMPLIANT

- **Excellent mar and scratch resistance**
- **Easily applied with conventional spray, airless spray, air-assisted airless spray or HVLP equipment**
- **Can be force-dried at 100°F to 150°F to speed the cure cycle**
- **Non-photochemically reactive**
- **Meets KCMA moisture resistance standards**
- **Available in Dull, Satin, Semi-Gloss and Gloss lusters**

KlearVar Test And Performance Characteristics:

KlearVar has undergone rigorous quality testing to verify performance and application characteristics. The M.L. Campbell laboratory has formulated KlearVar to meet or exceed the required performance level established by KCMA for finishes. KlearVar has been tested utilizing the following ASTM and KCMA test methods: 5 = Excellent, 4 = Very Good, 3 = Good, 2 = Fair, 1 = Poor.

Print Resistance
Purpose: Test the ability of the finish to be print-resistant. No print after 24-hour dry time. KlearVar has an Excellent rating of 5.

Hot and Cold Check Resistance
Purpose: Test the ability of the finish to withstand hot and cold cycles for prolonged periods. Passes 20 cycles. KlearVar has an Excellent rating of 5.

Cross Hatch
Purpose: Test the ability of the finish to adhere to various substrates and/or finishes. KlearVar has an Excellent rating of 5.

Blocking
Purpose: Test the ability of the finish to withstand any finish defects from stacking or packing after 4-hour drying time. KlearVar has an Excellent rating of 5.

Wet Heat Resistance
Purpose: Test the ability of the finish to withstand high heat for long periods. KlearVar has an Excellent rating of 5.

Edge Soak
Purpose: Test a coating's ability to perform in relation to a coated cabinet door's resistance to detergent and water. KlearVar has an Excellent rating of 5.

Chemical Resistance Evaluation
Purpose: Test the ability of the finish to withstand substances typically found in kitchens and bathrooms. Exceeds AWI specifications for household chemical resistance for System 5 conversion varnish and System 11 catalyzed polyurethane. Contact and dry time of each chemical is in accordance to AWI and KCMA test procedures.

Vinegar	**Excellent rating of 5**
Lemon Juice	**Excellent rating of 5**
Orange Juice	**Excellent rating of 5**
Grape Juice	**Excellent rating of 5**
Ketchup	**Excellent rating of 5**
Coffee	**Excellent rating of 5**
Olive Oil	**Excellent rating of 5**
Boiling Water	**Excellent rating of 5**
Cold Water	**Excellent rating of 5**
Nail Polish Remover	**Excellent rating of 5**
Household Ammonia	**Excellent rating of 5**
VM&P Naphtha	**Excellent rating of 5**
Isopropyl Alcohol	**Excellent rating of 5**
Wine	**Excellent rating of 5**
Windex	**Excellent rating of 5**
409 Cleaner	**Excellent rating of 5**
Lysol	**Excellent rating of 5**
33% Sulfuric Acid	**Excellent rating of 5**
77% Sulfuric Acid	**Poor rating of 1**
28% Ammonium Hydroxide	**Excellent rating of 5**
Gasoline	**Excellent rating of 5**
Murphy's Oil Soap	**Excellent rating of 5**
Vodka 100 Proof	**Excellent rating of 5**
1% Detergent	**Excellent rating of 5**
10% TSP	**Excellent rating of 5**
Ethanol/Water	**Excellent rating of 5**
Mustard	**Excellent rating of 5**
Acetone	**Excellent rating of 5**

Distributed by:

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www.mlcampbell.com

For additional information, contact M.L. Campbell, 224 Catherine Street, Ft. Erie, ON L2A 5M9, 1-800-364-1359

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