



WOOD FINISHING SYSTEMS

# KRYSTAL<sup>®</sup> SL

POST-CAT WATER WHITE  
CONVERSION VARNISH



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WOOD FINISHING SYSTEMS

Krystal<sup>®</sup> SL Post-Cat Water White VOC Compliant Conversion Varnish was developed to be used on any wood surface where a durable, high-performance, moisture and chemical resistant finish is needed. Krystal<sup>®</sup> SL is a ready-to-spray water white, non-yellowing, HAPs compliant, two-component amino-alkyd finishing system ideal for use on kitchen and bathroom cabinets, display fixtures, office, dormitory, household, institutional and laboratory furniture.

## KRYSTAL<sup>®</sup> SL OFFERS UNIQUE ADVANTAGES:

- Meets AWI chemical and moisture resistance standards for conversion varnish
- Water white and non-yellowing
- High solids
- Low odor
- Exceptional film build
- VOC compliant
- Excellent adhesion on both closed and open grain surfaces
- Mar and scratch resistant
- Quick dry to sand and recoat times
- Increased production from fast pack and stack times
- Ready to spray and easy to apply with any equipment



## KRYSTAL<sup>®</sup> SL TEST AND PERFORMANCE CHARACTERISTICS:

Krystal<sup>®</sup> SL has undergone rigorous quality testing to verify performance and application characteristics. The M.L. Campbell<sup>®</sup> laboratory has formulated Krystal<sup>®</sup> SL to meet or exceed the required performance level established by KCMA for finishes. Krystal<sup>®</sup> SL has been tested utilizing the following AWI, 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. Krystal<sup>®</sup> SL 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. Krystal<sup>®</sup> SL has an Excellent rating of 5.

### Cross Hatch

Purpose: Test the ability of the finish to adhere to various substrates and/or finishes. Krystal<sup>®</sup> SL has an Excellent rating of 5.

### Blocking

Purpose: Test the ability of the finish to withstand any finish defects from stacking or packing after 6-hour drying time. Krystal<sup>®</sup> SL has an Excellent rating of 5.

### Wet Heat Resistance

Purpose: Test the ability of the finish to withstand high heat for long periods. Krystal<sup>®</sup> SL has a Very Good rating of 4.

### Edge Soak

Purpose: Test a coating's ability to perform in relation to a coated cabinet door's resistance to detergent and water. Krystal<sup>®</sup> SL 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. Meets AWI specifications for System 5 conversion varnish chemical resistance. 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, 24 hrs .....	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.....	Fair rating of 2
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 .....	Very Good rating of 4



[www.mlcampbell.com](http://www.mlcampbell.com)

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