

# MAGNAMAX®

WOOD FINISHING SYSTEMS

HIGH PERFORMANCE Pre-Catalyzed Lacquer



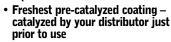
Available in VOC compliant formulas.

# MAGNAMAX®



MagnaMax High Performance Pre-Catalyzed Lacquer is the latest breakthrough from M.L. Campbell that closes the gap between pre-cat and post-cat lacquers. MagnaMax offers the convenience and user-friendly features of pre-catalyzed lacquer, while providing the high durability and performance of a post-cat. This high solids, water white formula requires absolutely no catalyst mixing, which reduces costly bottlenecks.

## MAGNAMAX® OFFERSUNIQUE ADVANTAGES:





- Full 120-day shelf life
- Meets KCMA moisture resistance standards
- First pre-cat to meet AWI chemical and moisture resistance standards for conversion varnish
- True 1-gun finish no sealer necessary
- 33% solids only two coats required
- Ultra-low formaldehyde meets European E-1 standard
- Exceptional film build
- · Excellent adhesion on both closed and open grain substrates
- 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
- Low odor
- Can be force-dried to speed up the cure cycle
- Available in Dull, Satin, Semi-Gloss and Gloss lusters

### MAGNAMAX® TEST AND PERFORMANCE CHARACTERISTICS:

MagnaMax has undergone rigorous quality testing to verify performance and application characteristics. The M.L. Campbell laboratory has formulated MagnaMax to meet or exceed the required performance levels established by KCMA for finishes. MagnaMax 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. MagnaMax 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. MagnaMax has an Excellent rating of 5.

#### **Cross Hatch**

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

#### Wet Heat Resistance

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



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#### **Chemical Resistance Evaluation**

Purpose: Test the ability of the finish to withstand substances typically found in kitchens and bathrooms. Meets AWI specifications for household chemical resistance for System 2 pre-catalyzed lacquer and System 5 conversion varnish. 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			
Household Ammonia	Excellent	rating	of 5
VM&P Naphtha	Excellent	rating	of 5
Sopropyl Alcohol	Excellent	rating	of 5
Wine	Excellent	rating	of 5
Windex	Excellent	rating	of 5
409 Cleaner			
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			
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		-	
Acetone		•	

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