

MultiLac™

Pre-Catalyzed Lacquer



PROFESSIONAL

TECHNICAL DATA SHEET

Description

Single component, pre-catalyzed lacquer.

Features

- Superior performance to standard nitro-cellulose lacquers without having to add catalyst as would be necessary with post-catalyzed lacquers or varnishes
- Self-sealing technology
- HAPs Compliant
- Meets KCMA and ASTM performance requirements when applied according to manufacturers specifications

Typical Uses

Wood surfaces, kitchen cabinets, office and household furniture, and fine architectural woodwork including trim, windows, and doors. For wood substrates only. For interior use only.

Surface Preparation

New Work:

Sand raw wood with 120 to 180 grit sandpaper and remove dust. Sand between coats with 220 to 320 grit.

Stain Precautions:

Oily stains must be fully dry with an additional 24 hours to off-gas before applying this topcoat.

Sealer:

Can be used as a self-sealing system or use Integra Vinyl Sealer.

Mixing Instructions

Mixing:

Always stir before use. Do not shake.

Reduction:

5 to 10% with N-Butyl Acetate, or a high quality Lacquer Thinner.

Retarder:

3 to 5% Old Masters Professional EEP Retarder.

Application

Apply 1 to 3 coats at a rate of 3 to 5 wet mils per coat. Do not exceed 15 mils wet for the total system.

Airless Spraying:

Tip Size .009 to .013
Pressure 1450 to 2175 PSI

Air-Assisted Airless Spraying:

Tip Size .009 to .013
Material Pressure 400 to 500 PSI
Assist Air Pressure 15 to 20 PSI

Air Spraying:

Nozzle Size 0.066
Pressure 35 to 45 PSI

Physical Properties

Solids by Volume	23%
Solids by Weight	32%
Theoretical Coverage	374 square feet per gallon
Viscosity	20-25 seconds #2 Zahn at 77°F
Weight	7.81 lb/gal
Flash Point	1°F
VOCs	Maximum VOC Does Not Exceed 550 g/L
HAPs	0.01 lbs of HAPS per lbs of solids

Gloss Levels @ 60°

Gloss	80+
Semi-Gloss	55 to 60
Satin	30 to 35
Dull Satin	20 to 25
Flat	4 to 9

Product Codes

Gloss	20-0125
Semi-Gloss	20-0124
Satin	20-0123
Dull Satin	20-0122
Flat	20-0121

Application (continued):

Recoatability:

Sandable and recoatable after 15 minutes at 68°F. Use Scotch-Brite or 220 to 320 grit sandpaper between coats. Sanding dust must be removed by blowing off or tack ragging. For best adhesion, sand previous coat immediately before applying topcoat and apply the topcoat to the sanded surfaces within 6 to 8 hours.

Wet Film Thickness Per Coat:

3.0 to 5.0 mils

Dry Film Thickness per Coat:

0.7 to 1.2 mils

Clean Up

Lacquer Thinner, Acetone, Ketone solvents, or MEK

Dry Times at 68°F

Touchable	8 minutes
Sandable	15 minutes
Recoatable	15 minutes
Force Dry	After adequate flash-off time at room temperature, may be force dried with circulating air temperatures up to 120°F.

Drying Conditions:

Relative humidity, temperature, and air movement will affect the speed of drying. Optimal drying conditions are between 68° F to 77° F at 50% to 65% relative humidity. Dry Time will accelerate at higher temperatures and lower humidity, and slow at colder temperatures and higher humidity.

Storage

Storage Life	12 months in the closed, original container.
Storage Temperature	60°F to 77°F in unopened container.

Cautions

These products are designed for shop application and professional use only.

Limited Warranty

The technical data and suggestions for use contained in this document are true and correct to the best of our knowledge at the date of issuance. The statements of this document do not constitute a warranty, expressed or implied, as to the performance of these products. Since Old Masters does not control the application of its products, or the condition to which they are applied, Old Masters liability will under no circumstances exceed replacement of the product. All technical information is subject to change without notice.

Questions?

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