

PRODUCT DATA SHEET

Product Codes

Gloss	CL-1769
Semi-Gloss	CL-1766
Satin	CL-1763
Dull Satin	CL-1762

Description

Single-Component, Pre-catalyzed White Lacquer

Features

- Superior performance to standard white nitro-cellulose lacquers without having to add catalyst as would be necessary with post catalyzed lacquers or varnishes
- Self-sealing technology

Uses

Wood surfaces, kitchen cabinets, restaurant and store fixtures, furniture, and fine architectural woodwork

Physical Properties

Weight	9.0 to 9.4 lb/gal
Viscosity at 77°F	24 to 30 seconds #2 Zahn
Solids Weight	44 to 49%
Solids Volume	25 to 29%
Theoretical Coverage	320 sq. ft./gal
Flash Point	48°F
VOC	530 to 550 g/L
HAPS	0.041 to 0.043 lbs of HAPS/lbs of solids

Gloss Levels at 60 Degrees

Gloss	70+
Semi-Gloss	55 to 60
Satin	38 to 42
Dull Satin	20 to 25

Surface Preparation

New Work:

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

Sealer:

Can be used as a self-sealing system or use EuroCat White Primer.

Mixing Instructions

Reduction:

5 to 20% N-9182 or N-Butyl Acetate

Retarder:

3 to 5% EEP Retarder Solvent

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.

Air Spraying (Cup Gun):

Nozzle Size 0.066
Pressure 35 to 45 PSI

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

Recoatibility:

Sandable and recoatable after 30 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 to 6 mils

Dry Film Thickness per Coat:

0.9 to 1.5 mils

Clean-Up

Lacquer Thinner, Acetone, Ketone solvents, or MEK

Dry Times at 68° F

Touchable	10 to 15 minutes
Sandable	20 to 30 minutes
Ready for Testing	14 days

Drying Conditions:

Conditions should NOT be below 65°F and 40% relative air humidity. Ideal conditions are 68°F to 77°F and 50 to 65% relative air humidity.

Forced Drying:

After adequate flash-off time at room temperature, may be force dried with circulating air temperatures up to 120°F

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. Safety Data Sheets are available from your Diamond Vogel representative. Prior to use of this product, obtain and review the Safety Data Sheet for health and safety information. Read and observe all precautionary notices on container labels.

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 Diamond Vogel does not control the applicaiton of its products, or the condition of the surfaces to which they are applied, Diamond Vogel liability will under no circumstances exceed replacement of the product. All technical information is subject to change without notice.