

### PRODUCT DATA SHEET

Product Codes	
Gloss	CL-0769
Semi-Gloss	CL-0766
Satin	CL-0763
Dull Satin	CL-0762
Flat	CL-0761
Description	
Single Component, Pre-catalyzed Lacquer	
Features	
<ul style="list-style-type: none"><li>• Superior performance to standard nitro-cellulose lacquers without having to add catalyst as would be necessary with post catalyzed lacquers or varnishes</li><li>• Self-sealing technology</li></ul>	
Uses	
Wood surfaces, kitchen cabinets, restaurant and store fixtures, furniture, and fine architectural woodwork	

Physical Properties	
Weight	7.7 to 7.8 lb/gal
Viscosity at 77°F	20 to 25 seconds #2 Zahn
Solids Weight	27 to 28%
Solids Volume	19 to 20%
Theoretical Coverage	320 sq. ft./gal
Flash Point	41°F
VOC	635 to 655 g/L
HAPS	0.08 to 0.09 lbs of HAPS/lbs of solids
Gloss Levels at 60 Degrees	
Gloss	90+
Semi-Gloss	55 to 60
Satin	30 to 35
Dull Satin	20 to 25
Flat	10
Surface Preparation	
<b>New Work:</b>	
Sand raw wood with 120 to 180 grit sandpaper and remove dust. Sand between coats with 220 to 320 grit.	
<b>Stain Precautions:</b>	
Avoid oily, mineral spirits based stains. Avoid shading with stain only.	
<b>Sealer:</b>	
Can be used as a self-sealing system or use EuroCat Sealer.	

Mixing Instructions	
<b>Reduction:</b>	
5 to 20% N-9182 or N Butyl Acetate	
<b>Retarder:</b>	
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.	
<b>Air Spraying (Cup Gun):</b>	
Nozzle Size	0.066
Pressure	35 to 45 PSI
<b>Airless Spraying:</b>	
Tip Size	.009 to .013
Pressure	1450 to 2175 PSI
<b>Air-Assisted Airless Spraying:</b>	
Tip Size	.009 to .013
Material Pressure	400 to 500 PSI
Assist Air Pressure	15 to 20 PSI
<b>Recoatability:</b>	
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.	
<b>Wet Film Thickness per Coat:</b>	
2 to 5 mils	
<b>Dry Film Thickness per Coat:</b>	
0.4 to 1.0 mils	

## Clean-Up

Lacquer Thinner, Acetone, Ketone solvents, or MEK

## Dry Times at 68° F

Touchable	10 to 15 minutes
Sandable	15 to 20 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 application 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.