

# Diamond Vogel® Nitrocellulose Lacquer

INDUSTRIAL WOOD COATINGS

## PRODUCT DATA SHEET

<b>Product Codes</b>		<b>Physical Properties</b>		<b>Application</b>	
Gloss	CL-0724	Weight	7.1 to 7.3 lb/gal	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.	
Semi-Gloss	CL-0726	Viscosity at 77°F	40 to 45 seconds #2 Zahn	<b>Air Spraying (Cup Gun):</b>	
Satin	CL-0719	Solids Weight	21 to 23%	Nozzle Size	0.066
<b>Description</b>		Solids Volume	14 to 16%	Pressure	35 to 45 PSI
Nitrocellulose Lacquer		Theoretical Coverage	320 sq. ft./gal after Catalyzing	<b>Airless Spraying:</b>	
<b>Features</b>		Flash Point	41°F	Tip Size	.009 to .013
• Easy to apply fast drying nitrocellulose lacquer		VOC	665 to 670 g/L	Pressure	1450 to 2175 PSI
<b>Uses</b>		HAPS	0.5 to 1.4 lbs of HAPS/lbs of solids	<b>Air-Assisted Airless Spraying:</b>	
Wood surfaces, kitchen cabinets, restaurant and store fixtures, furniture, and fine architectural woodwork		<b>Gloss Levels at 60 Degrees</b>		Tip Size	.009 to .013
		Gloss	80+	Material Pressure	400 to 500 PSI
		Semi-Gloss	60 to 70	Assist Air Pressure	15 to 20 PSI
		Satin	30 to 40	<b>Recoatability:</b>	
		<b>Surface Preparation</b>		Sandable and recoatable after 20 to 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.	
		<b>New Work:</b>		<b>Wet Film Thickness per Coat:</b>	
		Sand raw wood with 120 to 180 grit sandpaper and remove dust. Sand between coats with 220 to 320 grit.		3 to 5 mils	
		<b>Stain Precautions:</b>		<b>Dry Film Thickness per Coat:</b>	
		Avoid oily, mineral spirits based stains. Avoid shading with stain only.		0.45 to .75 mils	
		<b>Mixing Instructions</b>		<b>Clean-Up</b>	
		<b>Reduction:</b>		Lacquer Thinner, Acetone, Ketone solvents, MEK	
		5 to 20% by volume with N-9182 or N Butyl Acetate.			
		<b>Retarder:</b>			
		3 to 5% Retarder Solvent			

### 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.