

## Technical Information

**Product Codes:** CL-0770 (CLQ-1077)\*



**Description:** Single Component Vinyl Sealer

- Characteristics:**
- Used where improved physical properties such as adhesion and moisture resistance are desired.
  - Designed for easy sanding.

**Field of Application:** Wood surfaces, kitchen cabinets, restaurant and store fixtures, and flat surfaces

### Physical Properties (CL-0770) (CLQ-1077)\*

Weight per gallon	7.42 lb/gal
Delivered Viscosity	45 sec. Zahn #2 sig @77°F
% Solids – by Weight	18%
% Solids – by Volume	13%
Theoretical Coverage at 1 Mil Dry	193 sq. ft/gal Does not include spray loss. Coverage will vary depending on application method and coating thickness.
Flash Point	41°F
Color	Clear
HAPS	4 lbs of HAPS/lbs of solids
VOC	6.1 lb/gal or 730 g/L
Pot Life	N/A

### Surface Preparation

New Work	Sand raw wood with 150-180 grit sandpaper and remove dust. Sand between coats with 220-320 grit.
Stain Precautions	Avoid oily, mineral spirits based stains. Avoid shading with stain only.

### Mixing Instructions

Reduction	5-20% by volume with N-9182(THN802)* or N Butyl Acetate.
Retarder	3-5% EEP Retarder Solvent

### Application Method & Notes

General Guidelines	Apply 1 coat at a rate of 3 to 5 wet mils per coat.
Application Viscosity	19 – 20 sec. Zahn #2 Signature

\*Original Hesse-lignal code number

## Single Component Vinyl Sealer CL-0770 (CLQ-1077)\*

Air Spraying (Cup Gun):	Nozzle size: .066 Pressure: 35-45 PSI
Airless Spraying:	Tip size: .009 - .013 Spray pressure: 1450-2175 PSI
Airless, Air-Assisted / Airmix spraying:	Tip size: .009 - .013 material pressure: 400-500 PSI Assist air pressure: 15-20 PSI
Recoatibility	Sandable and recoatable after 45 mins to 1 hour 68°F. Use Scotch-Brite™ or 220-320 sand paper between coats. Sanding dust must be removed by blowing off or tack raging. For best adhesion, sand previous coat immediately before applying topcoat and apply the topcoat to the sanded surfaces within 6-8 hours.
Wet Film Thickness per coat	3-5 mils

### Clean Up

Lacquer Thinner, MEK, Acetone, Any Ketone Solvents

### Dry Times

Drying times and Drying conditions:	Conditions should NOT be below 65°F and 40% relative air humidity. Ideal conditions are 68°F to 77°F and 50-65% relative air humidity. Variations lead to drying and curing problems. Drying times listed may vary depending on film build, temperature, humidity and degree of air movement. Temperatures are based on actual board temperatures. Times may vary depending on length of time for boards to reach these temperatures.
Dust dry:	5 - 10 min. @ 68°F
Touchable:	10 - 15 min. @ 68°F 15 min. @ 110°F
Sandable :	After 45–60 min. @ 68°F
Flash-off Zone/Forced Drying/Channel Conditions	After adequate flash-off time at room temperature, may be force dried with circulating air temperatures up to 120°F
Ready for testing:	14 days

### Shelf Life and Storage

Storage Life:	6 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.**

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

### **Limited Warranty**

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