

PRODUCT DATA SHEET

Product Codes

Sealer	CG-0230
Catalyst	CG-0275

Description

2 Component Base Coat

Features

- Provides a barrier that improves the adhesion between topcoats and oily exotic substrates such as rosewood, teak, etc.
- Especially transparent, low-viscous, fast drying with an insulating effect for use on resinous and ingredient-rich woods
- Effective close-pore priming of very dark stained woods

Uses

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

Physical Properties

Weight	8.13 lb/gal
Viscosity at 77°F	12 to 15 seconds #2 Zahn
Solids Weight	31.66%
Solids Volume	24.47%
Theoretical Coverage	392 sq. ft./gal
Flash Point	70°F
VOC	665 g/L
HAPS	.1518 lbs of HAPS/ lbs of solids

Gloss Levels at 60 Degrees

Gloss	90+
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Surface Preparation

New Work:

Sand raw wood with 120-180 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

Catalyzation:

By volume, mix 2 parts of CG-0230 with 1 part of CG-0275. Mix product while adding catalyst.

Reduction:

If necessary, 10-20% with N-9400 or N-butyl Acetate.

Retarder:

3-5% by volume with N-9409 if required.

Application

Apply 1 to 3 coats at a rate of 2 to 4 wet mils per coat. Do not exceed 12 mils wet.

Air Spraying (Cup Gun):

Nozzle Size	.070 to .079
Pressure	35 to 50 PSI

Airless Spraying:

Tip Size	.009 to .011
Pressure	550 to 850 PSI

Air-Assisted Airless Spraying:

Tip Size	.009 to .011
Material Pressure	550 to 850 PSI
Assist Air Pressure	15 to 20 PSI

Recoatibility:

Sandable and recoatable after 30 to 45 minutes at 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:

2 to 4 mils maximum

Clean-Up

Lacquer Thinner, Acetone, Ketone solvents, MEK

Dry Times at 68° F

Dust Dry	5 to 10 minutes
Sandable	30 to 45 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 50-65% 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.

Forced Drying:

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

Pot Life:

1.5 hours @ 68°F

Storage

Storage Life	1 year 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

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