

PRODUCT DATA SHEET

Product Codes

Gloss	CG-0259
Semi-Gloss	CG-0256
Satin	CG-0254
Dull Satin	CG-0252
Flat	CG-0250
Catalyst	CG-0270

Description

Two-Component, Clear, Acrylic Urethane

Features

- A 2-component, acrylic, urethane developed from advanced European resin technology
- Superior resistance to abrasion, water, staining, household chemicals, and body oils
- Contains UV absorbers
- Self-sealing, "multi-coat" technology

Uses

Wood surfaces in restaurants, kitchen and bathroom areas, for tables, etc. For surfaces that need the highest resistance to chemicals and abrasion

Physical Properties

Weight	7.7 to 7.8 lb/gal
Viscosity at 77°F	20 to 39 seconds #2 Zahn
Solids Weight	25 to 28%
Solids Volume	20 to 22%
Theoretical Coverage	320 sq. ft./gal after catalyzing
Flash Point	41°F
VOC	671 to 691 g/L
HAPS	0.61 to 0.69 lbs of HAPS/lbs of solids

Gloss Levels at 60 Degrees

Gloss	80+
Semi-Gloss	55 to 60
Satin	38 to 42
Dull Satin	20 to 25
Flat	3 to 7

Surface Preparation

New Work:

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

Stain Precautions:

Avoid oily, mineral spirits based stains. Avoid shading with stain only.

Sealer:

This product can be used as a self-sealer. Do not use flat as a sealer, only as a finish coat. Other approved sealers are CG-0233 or CG-0268. For exotic, oily wood use isolation barrier DG-4720. Consult your representative for more information.

Mixing Instructions

Catalyzation:

By volume, mix 10 parts of CG-025X with 1 part of CG-270 (12.8 fld. oz per gallon). Mix product while adding catalyst. For extreme wear, mix 5 parts CG-025X with 1 part CG-0270.

Reduction:

5 to 10% by volume with N-9400. Thin as necessary for spray application.

Retarder:

3 to 5% by volume with N-9409

Application

Apply 1 to 4 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 0.070 to 0.079
Pressure 35 to 50 PSI

Airless Spraying:

Tip Size .009 to .011
Pressure 1450 to 2175 PSI

Air-Assisted Airless Spraying:

Tip Size .009 to .011
Material Pressure 870 to 1450 PSI
Assist Air Pressure 12 to 20 PSI

Recoatibility:

Sandable and recoatable after 2 hours 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.

Diamond Vogel[®] MultiPUR 2-Component Acrylic Urethane

INDUSTRIAL WOOD COATINGS

Application (Continued)

Wet Film Thickness per Coat:

2.7 to 5.2 mils

Dry Film Thickness per Coat:

0.6 to 1.0 mils

Clean-Up

Lacquer Thinner, Acetone, MEK, or any Ketone solvent

Dry Times at 68° F

Touchable 15 to 30 minutes

Sandable 2 to 4 hours

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

Pot Life:

4 hours at 68°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.