

## PRODUCT DATA SHEET

### Product Codes

Gloss	CG-0247
Semi-Gloss	CG-0245
Satin	CG-0243
Dull Satin	CG-0242
Flat	CG-0241
Catalyst	CG-0271

### Description

Two-Component, Acrylic, Clear Urethane

### Features

- A two-component, acrylic, urethane developed from advanced European resin technology
- A urethane of the highest quality with good scratch resistance, smooth tactile surface, and excellent clarity even on darker backgrounds
- Superior resistance to abrasion, water, staining, household chemicals, and body oils
- Contains UV absorbers

### 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	7.8 to 7.9 lb/gal
Viscosity at 77°F	26 to 32 seconds #2 Zahn
Solids Weight	28 to 30%
Solids Volume	22 to 23%
Theoretical Coverage	353 sq. ft./gal
Flash Point	41°F
VOC	670 to 680 g/L
HAPS	0.61 to 0.67 lbs of HAPS/lbs of solids

### Gloss Levels at 60 Degrees

Gloss	62 to 70
Semi-Gloss	50 to 55
Satin	30 to 40
Dull Satin	20 to 25
Flat	3 to 10

### Surface Preparation

#### New Work:

Let sealer dry overnight at room temperature. Sand sealer with 280 to 400 grit sandpaper and remove dust. Sand between coats with 400 grit.

#### Sealer:

Use an appropriate sealer for the substrate and desired appearance. Recommended sealers include CG-0233 and 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-024X with 1 part of CG-0271 (12.8 fl. oz. per gal.). Mix product while adding catalyst.

#### 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 3 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	.070 to .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 4 hours at 68°F. Use Scotch-Brite or 400 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.

#### Wet Film Thickness per Coat:

3 to 5 mils

#### Dry Film Thickness per Coat:

0.66 to 1.1 mils

### Clean-Up

Lacquer Thinner, Acetone, MEK, or any Ketone solvent

### Dry Times at 68° F

Touchable	20 to 30 minutes
Sandable	3 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

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