

Technical Information

Product Codes: CG-0233 (DG-4733)*



Catalyst: CG-0273(DR4073)* or CG-0271(DR4071) (10:1 Mixed Ratio)

Description: 2 Component Clear Acrylic Urethane Sealer

- Characteristics:**
- Premium Sealer
 - Easy Sanding
 - High solids and fast drying
 - Lightfast with light protector
 - Does not contain formaldehyde

Field of Application: Interior Wood surfaces including kitchen and bathroom, for filled to closed pore coatings under 2 component urethane, PUR, finishes.

Physical Properties (CG-0233) (DG-4733)*

Weight per gallon	8.03 lb/gal
Viscosity after Catalyzation	34 sec. Zahn #2 sig @77°F
% Solids – by Weight	35%
% Solids – by Volume	29%
Theoretical Coverage at 1 Mil Dry	433 sq. ft/gal Does not include spray loss. Coverage will vary depending on application method and coating thickness.
Flash Point	81°F
Color	Clear
Gloss @ 60°	Not Applicable
VOC	5.2 lb/gal or 627 g/L
HAPS	.4258 lbs of HAPS/lbs of solids
Pot Life	6 hours @ 68°F

Surface Preparation

General Guidelines:	This product is suitable for application on bleached surfaces. For improvement of stability and adhesion on oily woods, like rosewood, teak and some tropical species, we recommend using DG4720 Isolation Sealer.
New Work	Sand raw wood with 120-180 grit sandpaper and remove dust. Sand between coats with 220-400 grit.
Stain Precautions	Avoid oily, mineral spirits based stains. Avoid shading with stain only.

*Original Hesse-lignal code number

PUR Sealer CG-0233 (DG-4733)*

Mixing Instructions

Catalyzation	By volume, mix 10 parts of CG-0233 (DG-4733)* with 1 part of CG-0273 (DR4073)* or CG-0271 (DR4071)* (12.8 fld oz/gal.). Mix product while adding catalyst. Please observe the precise mixing ratio; under or over catalyzing can lead to cracking.
Reduction	10-20% by volume with N-9400 (DV4900)*. Thin as necessary for spray application.
Retarder	3-5% by volume with N-9409 (DV4909)*, if required.

Application Method & Notes

General Guidelines	Apply 1 to 2 coats at a rate of 3 to 5 wet mils per coat.
Air Spraying (Cup Gun):	Nozzle size: .070 - .079 (1.8-2mm) Pressure: 35-50 PSI
Airless Spraying:	Tip size: .009 - .011 Spray pressure: 1450-2175 PSI
Air-Assisted Airless / Airmix spraying:	Tip size: .009 - .011 material pressure: 550-850 PSI Assist air pressure: 15-20 PSI
Recoatibility	Sandable and recoatable after 4-5 hours at 68°F. (better overnight) Use Scotch-Brite™ or 220-400 sand paper between coats. For finishing with high gloss finishes use 400-600 sandpaper. 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
Maximum Dry Film Thickness	Maximum film build of the total system should not exceed 8 mils dry.

Clean Up

Lacquer Thinner, Acetone, MEK, or any Ketone solvent.

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:	15-20 min. @ 68°F
Sandable and Recoatable:	4-5 hours @ 68°F (Better overnight)
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:	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.

“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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