

546-7029 Chemvinyl 275 Post-Cat Clear Sealer

Product codes: 546-7029	Viscosity: Zahn #2 signature cup 17sec at 77°F
	Flash Point: -4°F (-20°C)
	Density (lb/gal): 7.4
	Solid (% by weight): 26%
	Solid (% by volume): 20%
	Shelf Life (months): 12

Product Description:

Chemvinyl 275 is a two component vinyl sealer that provides excellent sealing properties and very rapid dry. Chemvinyl 275 was developed to improve adhesion and moisture resistance. This product has been formulated to meet 275g/l VOC regulations. Chemvinyl 275 is an easy sanding sealer designed for the professional applicator who requires a rapid dry, easy sanding material. The Chemvinyl 275 shows improved adhesion with various stain systems. In some instances, uncatalyzed materials containing nitrocellulose may show poor adhesion when coating over Chemvinyl . The time lag between sealing and recoating in these cases is critical and systems must be checked to ensure adequate film properties.

Uses:

Chemvinyl 275 is recommended for cabinetry, millwork, decorative items as well as many other interior wood applications.

Environmental Data (as supplied):

VOC less exempt lb/gal:	<1.60
VOC lb/gal:	<0.40
VOC less exempt g/l:	<200
VOC g/l:	<50
VOC lb/lb Solid:	<0.25
VHAPs lb/lb Solid:	<0.02

275 546-7029

Note:

See individual compliance sheets for specific data

Application Data

Suggested Uses:	Wood Sealer
Mixing Ratio:	100 parts 546-7029 to 2.5 parts 873-1900
Pot Life:	4 hours
Application Viscosity:	Zahn #2 signature cup 15 - 18 seconds
Reducer:	800-5500
Retarder:	800-5328
Clean-up Solvent:	800-5500
Recommended Wet Film:	3 - 5 mils
Coverage:	N/A

Note:

N/A

Directions for use:

Surface Preparation:

Substrate must be sanded using 120, 150 or 180 grit steared paper prior to staining or coating. Stain systems used under acid catalyzed systems should be acid stable. Chemcraft recommends using 825-39XX series stains or 824-29XX series waterborne stains.

General Information:

Agitate material before use. Always mix Chemvinyl 275 while adding hardener and reducers in the recommended mixing ratios. Chemvinyl 275 must be agitated thoroughly at all times to ensure product consistency. When catalyzed, avoid contact with metal surfaces.

Apply at 3-5 mils wet on sanded substrate. Further coats may be applied after complete drying followed by sanding with 280/320 grit steared paper.

Maximum film build of Chemvinyl 275 should not exceed 1.5 mils dry. Maximum film build of total catalyzed coating system must not exceed 4 mils dry.

Chemvinyl 275 should not be used and dried at temperatures below 64°F or relative humidity above 65%.

THE CUSTOMER IS RESPONSIBLE FOR FOLLOWING THE RECOMMENDED APPLICATION PROCEDURES. FAILURE TO ADHERE TO THE RECOMMENDATIONS GIVEN IN THIS DATA SHEET WILL LIKELY RESULT IN UNSATISFACTORY FILM APPEARANCE OR FILM FAILURE. THE COMPLETE COATING SYSTEM SHOULD BE CHECKED FOR REQUIRED PROPERTIES PRIOR TO THE START-UP OF PRODUCTION

Drying Times:

	Room Temperature (68°F)	Forced Drying Schedule (122°F)
Tack Free Time:	20 minutes	Flash off before entering oven
Dry to Sand:	1 - 1.5 hours	30 - 45 minutes
Dry to Stack:	2 - 3 hours	60 - 90 minutes

Note:

N/A

Dry times are greatly affected by film build, porosity of substrate, air movement as well as heat and humidity. Temperatures are based on actual board temperature. This may vary depending on length of time for boards to reach these temperatures. Minimum curing temperatures of 64°F/18°C must be maintained throughout the curing cycle to achieve the film integrity as stated in product features.

These products are designed for industrial use only. AkzoNobel views safety as a top priority. Please refer to Material Safety Data Sheet for information on the safe use of this product.

Values shown are calculated estimates and should not be construed as product specifications. We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and users assume all responsibility and liability for loss or damage arising from the use of our products whether used alone or a combination with other products. Use of unapproved or reclaimed solvent blends may reduce film properties and is not recommended.

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