

## 545-1900 Chembase 275 White NC Pigmented Primer

<b>Product codes:</b>	545-1900	<b>Viscosity</b>	70 KU at 77°F
		<b>Flash Point:</b>	-0° F (-18°C)
		<b>Density (lb/gal):</b>	9.72
		<b>Solid (% by weight):</b>	51%
		<b>Solid (% by volume):</b>	28%
		<b>Shelf Life (months):</b>	12

### Product Description:

Chembase 275 White is a single component, stearated nitrocellulose basecoat/primer that provides good build and hide. Chembase 275 White will dry quickly, sand easily and is supplied at a ready to spray viscosity. This product has been formulated to meet 275 g/l VOC regulations.

Recommended: American Woodworking Institute Nitrocellulose Lacquer System (8<sup>th</sup> Ed).

### Uses:

Chembase 275 White is a recommended primer for Chemcraft Chemlack 275 White nitrocellulose lacquer. This system is designed for millwork, household furniture, decorative items as well as many other interior wood applications.

### Environmental Data (as supplied):

<b>VOC less exempt lb/gal:</b>	<2.3
<b>VOC lb/gal:</b>	<0.95
<b>VOC less exempt g/l:</b>	
<b>VOC g/l:</b>	
<b>VOC lb/lb Solid:</b>	<0.20
<b>VHAPs lb/lb Solid:</b>	<0.10

### Note:

See individual compliance sheets for specific data

### Application Data

<b>Suggested Uses:</b>	Wood Primer
<b>Mixing Ratio:</b>	N/A
<b>Suggested Uses:</b>	N/A
<b>Application Viscosity:</b>	Zahn #2 signature cup 22 seconds
<b>Reducer:</b>	Up to 50 % with 800-5500 Typical reduction is 20-30%
<b>Retarder:</b>	800-5915 Do not use over 3%
<b>Clean-up Solvent:</b>	Acetone 800-5500
<b>Recommended Wet Film:</b>	3 – 5 mils
<b>Coverage:</b>	(Reduced 30% for application) 350 sq. ft/gal at 1 mil dry and at 100% transfer efficiency. Coverage will vary depending on method of application or coating thickness.

### Note:

N/A

**Directions for use:****Surface Preparation:**

Substrate must be sanded using 120, 150 or 180 grit steared paper prior to coating. Chembase 275 White should be sanded prior to being topcoated with 280/320 grit steared paper. Appropriate topcoats are Chemlack Express 275 White 230-22XX. Chembase 275 White cannot be used on metal or old oil finishes.

**General Information:**

Agitate material before use. Chembase 275 White must be agitated thoroughly at all times to ensure product consistency. Apply at 3-5 mils wet on sanded substrate. A further coat may be applied after complete drying followed by sanding with 280/320 grit steared paper.

Maximum film build of Chembase 275 White should not exceed 3 mils dry. Maximum film build of total coating system must not exceed 4 mils dry.

Chembase 275 White contains stearate and must not be used under pre-catalyzed or post-catalyzed coatings.

Chembase 275 White should not be used and dried at temperatures below 64°F or relative humidity above 65%. Ammonia cleaners should not be used for cleaning the finish surfaces. This may accelerate discoloration.

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:**

	<b>Room Temperature (20°C / 68°F)</b>	<b>Forced Drying Schedule (50°C / 122°F)</b>
<b>Tack Free Time:</b>	15 minutes	Flash off before entering oven
<b>Dry to Sand:</b>	30 - 45 minutes	2 – 3 hours
<b>Dry to Stack:</b>	20 – 30 minutes	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.

Akzo Nobel Coatings, Inc  
1431 Progress Ave  
High Point, NC 27260  
336-841-5111

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