

## 545-2701 Chembase 550 Black NC Pigmented Primer

<b>Product codes:</b> 545-2701	<b>Viscosity</b>	Zahn #2 signature cup 30 sec at 77°F
	<b>Flash Point:</b>	-4° F (-20°C)
	<b>Density (lb/gal):</b>	7.96
	<b>Solid (% by weight):</b>	33.5%
	<b>Solid (% by volume):</b>	21%
	<b>Shelf Life (months):</b>	12

### Product Description:

Chembase 550 Black is a single component nitrocellulose basecoat/primer that provides good build and hide. Chembase 550 Black is a quality coating designed for the professional applicator who requires an easy to handle product. Chembase 550 Black is supplied at a ready to spray viscosity. This coating will dry quickly and sand easily. Chembase 550 Black may be used for many interior wood applications.

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

### Uses:

Chembase 550 Black is a recommended primer for Chemcraft Chemlack 550 Black nitrocellulose lacquer. This system is designed for millwork, household furniture, decorative items as well as many other interior wood applications.

<b>Environmental Data (as supplied):</b>	<b>VOC less exempt lb/gal:</b>	<4.60
	<b>VOC lb/gal:</b>	<2.30
	<b>VOC less exempt g/l:</b>	<550
	<b>VOC g/l:</b>	<275
	<b>VOC lb/lb Solid:</b>	<0.90
	<b>VHAPs lb/lb Solid:</b>	<0.20

**Note:**  
N/A

<b>Application Data</b>	<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 – 30 seconds
	<b>Reducer:</b>	800-5500
	<b>Retarder:</b>	800-5742
	<b>Clean-up Solvent:</b>	800-5500
	<b>Recommended Wet Film:</b>	3 – 5 mils
	<b>Coverage:</b>	Coverage is 336 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 550 Black should be sanded prior to being topcoated with 280/320 grit steared paper. Appropriate topcoats are Chemlack 550 Black 230-27XX. Chembase 550 Black cannot be used on metal or old oil finishes.

**General Information:**

Agitate material before use. Chembase 550 Black must be agitated thoroughly at all times to ensure product consistency and consistent gloss.

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 550 Black should not exceed 3 mils dry. Maximum film build of total coating system must not exceed 4 mils dry.

Chembase 550 Black 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:**

	<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.

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