

## 545-5104 Chembase White NC Pigmented Primer

<b>Product codes:</b> 545-5104	<b>Viscosity</b>	95 KU at 77°F
	<b>Flash Point:</b>	-0.4° F (-20°C)
	<b>Density (lb/gal):</b>	9.2
	<b>Solid (% by weight):</b>	40%
	<b>Solid (% by volume):</b>	21%
	<b>Shelf Life (months):</b>	12

### Product Description:

Chembase White is a ready to use, white nitrocellulose primer. It is a single pack, conventional lacquer basecoat recommended as the primer for Chemlack White 230-65XX. Chembase White dries to sand quickly and powders well during sanding.

### Uses:

N/A

### Environmental Data (as supplied):

<b>VOC less exempt lb/gal:</b>	<5.00
<b>VOC lb/gal:</b>	<3.30
<b>VOC less exempt g/l:</b>	<600
<b>VOC g/l:</b>	<400
<b>VOC lb/lb Solid:</b>	<0.90
<b>VHAPs lb/lb Solid:</b>	<0.25

### Note:

See individual compliance sheets for specific data

### Application Data

<b>Suggested Uses:</b>	Wood Primer
<b>Mixing Ratio:</b>	Reduce as required
<b>Suggested Uses:</b>	N/A
<b>Application Viscosity:</b>	Zahn #2 signature cup 25 – 30 seconds
<b>Reducer:</b>	803-1298
<b>Retarder:</b>	800-5328
<b>Clean-up Solvent:</b>	N/A
<b>Recommended Wet Film:</b>	3 – 5 mils
<b>Coverage:</b>	341 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 should be sanded using 120, 150 or 180 grit steared paper prior to coating. Primers should be sanded with 280/320 grit steared paper prior to being coated.

**General Information:**

Chembase White may be applied in two or more coats, depending on the desired finish. The dry film build should not exceed 2 – 3 mils. The total dry film build of the system should not exceed 4 mils.

Chembase White should be thoroughly stirred, and mixed with an appropriate amount of reducer.

Chembase White must not be polluted with oil, varnish or the like and must not be sanded with steel wool between coats.

Chembase White must not be used and dried at temperatures below 64°F or relative humidity above 65%. During the curing process, the coating must not be exposed to ammonia vapors. 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>	10 – 15 minutes	Flash off before entering oven
<b>Dry to Sand:</b>	45 minutes	2 hours
<b>Dry to Stack:</b>	20 – 30 minutes	45 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

Updated: 2024-05-09 11:58:25

Copyright 2021 AkzoNobel. All Rights Reserved. Chemcraft is a registered trademark of Akzo Nobel Coatings Inc.