

## 546-1201 Chemseal NC Clear Sealer

<b>Product codes:</b> 546-1201	<b>Viscosity</b>	Zahn #2 signature cup 25 sec at 77°F
	<b>Flash Point:</b>	-4°F (-20°C)
	<b>Density (lb/gal):</b>	7.1
	<b>Solid (% by weight):</b>	18%
	<b>Solid (% by volume):</b>	12%
	<b>Shelf Life (months):</b>	12

### Product Description:

Chemseal is a ready to use, nitrocellulose lacquer sealer. It is a single pack, conventional lacquer sealer. Chemseal dries rapidly, powders well, and seals the substrate preparing it for the appropriate topcoat.

### Uses:

Various interior wood applications.

### Environmental Data (as supplied):

<b>VOC less exempt lb/gal:</b>	<5.80
<b>VOC lb/gal:</b>	<5.40
<b>VOC less exempt g/l:</b>	<700
<b>VOC g/l:</b>	<650
<b>VOC lb/lb Solid:</b>	<4.2
<b>VHAPs lb/lb Solid:</b>	<0.8

### Note:

N/A

### Application Data

<b>Suggested Uses:</b>	Wood Sealer
<b>Mixing Ratio:</b>	N/A
<b>Pot Life:</b>	N/A
<b>Application Viscosity:</b>	Zahn #2 signature cup 20 – 25 seconds
<b>Reducer:</b>	803-1395
<b>Retarder:</b>	803-1393 or 800-5328
<b>Clean-up Solvent:</b>	803-1395
<b>Recommended Wet Film:</b>	2 – 5 mils
<b>Coverage:</b>	208 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 stearted paper prior to staining or coating. Sealers should be sanded with 280/320 grit stearted paper prior to being coated.

**General Information:**

Chemseal 546-1201 is applied in two or more coats; however, the dry film build should not exceed 1 – 2 mils. The dry film build of the total system should not exceed 4 mils. Chemseal 546-1201 should be thoroughly stirred and mixed with an appropriate amount of reducer.

Chemseal 546-1201 does contain zinc stearted and should not be recoated with reactive amino coatings.

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:	10 – 15 minutes	Flash off before entering oven
Dry to Sand:	30 - 45 minutes	15 – 20 minutes
Dry to Stack:	1 - 2 hours	20 – 30 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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