

230-7107 Compliant Crackle Lacquer

Product codes: 230-7107	Viscosity	Zahn #2 signature cup 23 sec at 77°F
	Flash Point:	-4°F (-20°C)
	Density (lb/gal):	7.3
	Solid (% by weight):	9.3%
	Solid (% by volume):	6%
	Shelf Life (months):	12

Product Description:

Crackle Lacquer is used to give a special crackling effect when it dries.

Uses:

Crackle Lacquer is an effect finish that gives consistent cracks when applied over a lacquer basecoat or sealer. This effect can be used to give an antique effect especially when combined with glazing and distressing.

Environmental Data (as supplied):

VOC less exempt lb/gal:	<6.70
VOC lb/gal:	<3.80
VOC less exempt g/l:	
VOC g/l:	
VOC lb/lb Solid:	<5.6
VHAPs lb/lb Solid:	<0.01

Note:

N/A

Application Data

Suggested Uses:	Wood Finish
Mixing Ratio:	N/A
Suggested Uses:	N/A
Application Viscosity:	Zahn #2 signature cup 22 – 24 seconds
Reducer:	N/A
Retarder:	N/A
Clean-up Solvent:	803-1298
Recommended Wet Film:	2 – 6 mils
Coverage:	103 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:

Crackle Lacquer must be applied over a base of nitrocellulose lacquer or sealer such as 546-5006 Chemlack Sealer, 441-50XX Chemlack or 230-65XX White Chemlack. This base may be tinted to desired color with 844 or 866 line tints. (Color of base material will be color of cracks.)

General Information:

Crackle Lacquer must be topcoated with clear nitrocellulose lacquer for protection. Control the size of cracking with wet mils applied. The thicker the wet film of Crackle Lacquer the larger the cracks. Allow Crackle Lacquer to dry a minimum of one hour. Always experiment with crackle system on a sample panel to insure desired aesthetic result as it is related to technique, before applying on job parts. Further effects can be added to system, i.e.:

- Glazing over Crackle Lacquer, streaking with china bristle brush (be sure to dry glaze or wipe stain well).
- Fly specking over Crackle Lacquer.

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 (20°C / 68°F)	Forced Drying Schedule (50°C / 122°F)
Tack Free Time:	15 minutes	Flash off before entering oven
Dry to Sand:	1 hour	2 - 3 hours
Dry to Stack:	20 – 30 minutes	40 – 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.

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