

423-95XX Acryllak WB Clear Topcoat

Product codes:	423-9520 20° Low Gloss	Viscosity	Zahn #2 signature cup 58 sec at 25°C
	423-9535 35° Satin	Flash Point:	>93°C (200F)
	423-9550 50° Semi-Gloss	Density (kg/l):	1.03
	423-9590 90° High Gloss	Solid (% by weight):	36 ± 1%
		Solid (% by volume):	33 ± 1%
		Shelf Life (months):	6

Product Description:

Acryllak is an acrylic modified polyurethane waterborne clear finish. Acryllak is a wear resistant, fast drying and environmentally clean lacquer. It is resistant to conventional detergents and household cleaners.

Uses:

For interior use for wood furniture and kitchen cabinetry

Environmental Data (as supplied):

VOC less exempt lb/gal:	<1.8
VOC lb/gal:	<0.2
VOC less exempt g/l:	
VOC g/l:	
VOC lb/lb Solid:	<0.25
VHAPs lb/lb Solid:	<0.02

Note:

See individual compliance sheets for specific data

Application Data

Suggested Uses:	Clear Waterborne Lacquer
Mixing Ratio:	N/A
Suggested Uses:	N/A
Application Viscosity:	Zahn #2 signature cup 58 seconds
Reducer:	Water if necessary
Retarder:	N/A
Clean-up Solvent:	Soap and water when wet, 4:1 water:800-5742 if dried
Recommended Wet Film:	3-5 mils wet
Coverage:	N/A

Note:

N/A

Directions for use:

Surface Preparation:

Substrate to be coated should be sanded with 150 or 180 grit sandpaper prior to coating. This product may be used self-sealed or sealed with 423-10XX line Aqualux.

General Information:

Mix material before use. Apply by spray at wet film builds of 3-5 mils. Application and drying conditions must be at temperatures of 18°C or higher and at a humidity of less than 65%. Increased air flow or drying temperatures, including the use of infrared, will greatly decrease dry times.

Further coats may be applied after complete drying followed by sanding with 280/320 grit sandpaper. Second and subsequent coats must be applied the same day as the board is sanded.

Product must be agitated thoroughly at all times to ensure product consistency. Contact with metal surfaces should be avoided.

Film build should not exceed 2 dry mils per coat. Total film build must not exceed 4 dry mils.

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:	20 minutes	Flash off before entering oven
Dry to Sand:	2 - 3 hours	12 hours
Dry to Stack:	45 minutes	8 hours

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: 2024-05-21 01:00:17

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