Chemcraft®
A Great Finish is Only the Beginning

AkzoNobel

401-033 Isolante MDF PU Clear Sealer

Product codes:	401-033	**Viscosity**	Zahn #4 signature cup 32 sec at 77°F
		Flash Point:	25°F (-4°C)
		Density (lb/gal):	8.05
		Solid (% by weight):	32.6%
		Solid (% by volume):	23%
		Shelf Life (months):	12

Product Description:
401-033 Isolante Sealer is designed to improve the adhesion between topcoats and substrates where poor adhesion would otherwise be obtained.

Uses:
A wide variety of plastics, stained or exotic woods.

Environmental Data (as supplied):	**VOC less exempt lb/gal:**	<5.35
	VOC lb/gal:	<5.35
	VOC less exempt g/l:	
	VOC g/l:	
	VOC lb/lb Solid:	<2.0
	VHAPs lb/lb Solid:	<0.8

Note:
See individual compliance sheets for specific data

Application Data	**Suggested Uses:**	Wood Sealer
	Mixing Ratio:	2 parts 401-033 to 1 part 876-9066
	Suggested Uses:	4 hours
	Application Viscosity:	Zahn #2 signature cup 18 seconds
	Reducer:	Add 1 part fast 800-5508 or slow 800-5548 to 3 parts of mixed material.
	Retarder:	800-5328
	Clean-up Solvent:	800-5500
	Recommended Wet Film:	3 – 4 mils
	Coverage:	Mixture will cover 408-652 sq. ft/gal at 100% transfer efficiency. Coverage will vary depending on method of application and coating thickness.

Note:
N/A

Directions for use:

Surface Preparation:
Substrate must be sanded using 120, 150 or 180 grit paper prior to staining or coating.

General Information:
The mixed product contains 876-9066, an Isocyanate based co-reactant. Please follow all precautions associated with handling and use of those materials.
If applying over stained surface, wood should have been sanded with 120, 150 or 180 grit paper. If applying over plastic, scuffing or abrading the surface with scotchbrite may give improved performance.
Prepare material as per hardener and reducer mixing ratio and apply over desired surface at 3 – 4 mils. Let dry 15-20 minutes until tack-free and apply desired topcoat. If left for extended period, film should be scuffed before topcoating.
The viscosity of the product should be monitored after mixing with the hardener.
The relative humidity in the application and drying rooms should never exceed 75%.
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:	30 minutes	N/A
Dry to Sand:	90 minutes	N/A
Dry to Stack:	N/A	N/A

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.

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