

Product Code:

441-2120	Low Gloss
441-2135	Satin Gloss
441-2150	Semi-Gloss
441-2190	Full Gloss

VISCOSITY:	Z #2/25" at 77°F
FLASH POINT:	-4°F (-20°C)
DENSITY (lb/gal):	7.5
SOLID (% by weight):	25%
SOLID (% by volume):	17%
SHELF LIFE (months):	12

Product Description: 441-21XX NC Lacquer is a scratch resistant, single component nitrocellulose lacquer that provides good depth and a nice, smooth surface. Chemlack provides good clarity as a nitrocellulose topcoat. This product dries rapidly and has a smooth feel when fully cured.

Uses: 441-21XX NC Lacquer can be used for many interior wood applications as a high quality nitrocellulose lacquer.

Environmental Data (as supplied):

VOC less exempt lb/gal:	<5.75
VOC lb/gal:	<5.35
VOC less exempt g/l:	<685
VOC g/l:	<645
VOC lb/lb Solid:	<3.15
VHAPs lb/lb Solid:	<1.05

Application Data:

SUGGESTED USES:	Wood Finish
MIXING RATIO:	N/A
POT LIFE:	N/A
APPLICATION VISCOSITY:	Z #2/20 – 25"
REDUCER:	803-1395
RETARDER:	5% 803-1393 or 800-5328
CLEAN-UP SOLVENT:	803-1395
APPLIED FILM THICKNESS:	3 – 5 mils
COVERAGE:	293 sq. ft/gal at 1 mil dry and at 100% transfer efficiency. Coverage will vary depending on method of application or coating thickness.



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Directions for Use

Surface Preparation: Substrate must be sanded using 120, 150 or 180 grit steared paper prior to staining or coating. Sealers should be sanded prior to being coated with 240, 280 and 320 grit steared papers.

General information: 441-21XX NC Lacquer may be applied in two or more coats, depending on the desired finish. The dry film build of the total coating system should not exceed 4 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:

	At 68°F	At 122°F
Tack Free Time:	5 – 10 mins.	Flash off before entering oven
Dry to Sand:	10 – 15 mins.	3 – 5 mins.
Dry to Stack:	3 hours	20 – 30 mins.

Note: 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 throughout the curing cycle to achieve the film integrity as stated in the 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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