

NC WOODLAK MultiCoat Lacquer

Nitro-cellulose multicoat lacquer

A one component, solvent based, modified nitrocellulose resin, transparent or pigmented yellowing multicoat finishing lacquer.

Intended Uses:

A transparent or pigmented sealing and finishing lacquer for MDF, wood or veneer surfaces for open or closed grain finishing.

NC WOODLAK MultiCoat Lacquer is a very fast drying work horse coating with medium durability, preferred for non-working, interior surfaces. It is very good for production lines where speed is important, and the convenience of a one component coating is required.

Features & Benefits:

- Fast drying.
- Excellent clarity and wood warming effect.
- Easy to use.
- Easily repairable.
- Good abrasion resistances.
- Excellent smoothness and appearance.

Technical Data:

Colour	Clear or colours		
Appearance	Clear	Gloss	>90%
		Satin	30 – 35%
		Matt	5 – 10%
	Colour	Gloss	>90%
		Satin	30 – 35%
		Matt	5 – 10%
Density	0.95 Kg/ Litre		
Volume Solids	35%		
Thinner	Lacquer Thinner A, Lacquer Thinner M219 or Solvent EA		
Typical Film Thickness	80 – 150 g/m ² per coat		
Number of Coats	3 – max 450 g/m ²		
Method of Application	Spray		
Pack Size	5, 20 & 200 Litre		

Drying Information:

	0°C	5°C	15°C	20°C	40°C	45°C
Touch Dry	-	-	-	15 min	-	-
Stackable	-	-	-	6 hrs	-	-
Thorough	-	-	-	1 day	-	-
Overcoating Data – See Limitations						
Substrate Temp.	0°C	5°C	15°C	20°C	40°C	45°C
Minimum	-	-	-	6 hrs	-	-
Maximum	-	-	-	24 hrs	-	-

WOOD & FURNITURE COATINGS: NITRO-CELLULOSE LACQUERS

Page 1 of 3

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product

Latest Update:
10/02/2025
Issue Date:
12/05/2019

Note: Adequate ventilation should be maintained during application and curing. If the 24-hour overcoating window is exceeded the product should be lightly sanded prior to application of subsequent coats.

Surface Preparation:

All pre-sealed surfaces to be coated must be dry, clean, and free from contamination. Prior to application the surface should be sanded to a smooth finish with fine sandpaper, working in the direction of the grain.

All sharp edges must be rounded off, ensure substrate is then free of dust by blowing with compressed air or making use of clean rags before application of coating.

- 150 – 180 grit with raw wood & steel.
- 320 – 400 grit with foil, melamine, filler-coated/primed substrates.
- 320 – 400 grit for intermediate lacquer sanding.

If coating with high gloss intermediate sanding of 600 – 800 grit is recommended.

Application:

Mixing	Stir well with a flat-bottomed paddle or mechanical mixer until product is uniform.		
Air Spray	Recommended	Gun	Pressure Feed
		Fluid Tip	1.4mm to 1.6mm
Airless Spray	Recommended	Tip range 11 – 17 Thou. Pressure at the tip should not be less than 140 bar (2000 PSI)	
Thinner	Lacquer Thinner A, Lacquer Thinner M219 or Solvent EA	Additions will vary depending on thinner used and temperature. Ideal viscosities will vary for different applications.	
Cleaner	SA65 Thinner	For dry paint & equipment	

Environment:

	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	10°C*	15°C	No lower limit
Maximum	35°C**	45°C	85%

* Or 3°C above dew point

Limitations:

- Various thinners and retarders are available on request. It is essential that the viscosity is adjusted to the optimal temperature for the application at hand.
- Viscosity determines the flow properties, sag resistance, consistency of finish such as gloss levels etc.
- Overcoating information is given for guidance only and is subject to local climate and environmental conditions. Consult a Specialized Coating Systems representative for specific recommendations.
- This product is not suitable for immersion conditions or exterior exposure.
- Unmixed material (in closed containers) should be maintained in protected storage in accordance with information given in the STORAGE section of this data sheet.
- Technical and application data herein is for the purpose of establishing a general guideline of the coating application procedures.
- Test performance results were obtained in a controlled laboratory environment and Specialized Coating Systems makes no claim that the exhibited published test results, or any other tests, accurately represent results found in all field environments. As application, environmental and design factors can vary, due care should be exercised in the selection and verification of the performance and use of the coating.

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Storage:

- Shelf Life: 12 months at 25°C from date of manufacture. Subject to inspection thereafter.
- Store in dry conditions out of direct sunlight, away from sources of heat or ignition.

Precautions:

For complete safety and handling information please refer to the appropriate Safety Data Sheets prior to using this product.