



NATIONAL N.C. AUTO LACQUER TOPCOAT
DECORATIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL N.C. AUTO LACQUER TOPCOAT

PRODUCT DESCRIPTION	A specifically formulated topcoat based on nitrocellulose and alkyd resins. It is a fast drying system having excellent gloss, colour retentive and water resistance properties. The product is suitable for various applications, with excellent finish and U.V. resistance properties.
RECOMMENDED USES	As a topcoat for automobile and furniture applications. The dry film can be over coated with National N.C. Auto Lacquer Clear for enhancing the gloss and furniture protection.

TECHNICAL DATA

COLOUR, DRY FILM	As per National shade card	
FINISH, DRY FILM	Smooth / Glossy	Smooth / Matt
VOLUME SOLIDS (ASTM D2697)	32 ± 2%	34 ± 2%
SPECIFIC GRAVITY	1.10 ± 0.05	1.30 ± 0.05
THEORETICAL SPREADING	16 – 10.5 M ² /LTR	17 – 11 M ² /LTR
RECOMMENDED DFT (DRY FILM)	20 – 30 Microns/Coat	20 – 30 Microns/Coat
RECOMMENDED WFT (WET FILM)	65 – 95 Microns/Coat	60 – 90 Microns/Coat
FLASH POINT	7°C	7°C

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
TOUCH DRY	15 – 30 minutes
DRY TO RECOAT	3 – 4 hours
HARD DRY	8 – 15 hours (For polishing)

ADVANTAGES

NATIONAL N.C. AUTO LACQUER TOPCOAT	Quick drying, suitable on various surfaces, including metal, wood, as topcoat. Available in glossy and matt finish.
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APPLICATION INSTRUCTION

SURFACE PREPARATION	Before application, the surface should be sound, clean and free from oil, grease, loose particles, dust, etc. Application can be done by the recommended application methods.
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APPLICATION DATA

APPLICATION METHOD	Spray, Brush or Roller
CLEANING/THINNING	National Lacquer Thinner
THINNER (VOLUME)	15-20% depending on the method of application
CONV. SPRAY REQUIREMENTS	Possible
AIRLESS SPRAY REQUIREMENTS	Pressure : 2200 – 2200 psi
NOZZLE SIZE	0.017” – 0.019”
MIXING RATIO (BY VOLUME)	One pack
POT LIFE @ 30°C (100 ml)	NA

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	National N.C. Primer Surfacer	: 1 coat
	National N.C. Putty or Polyester Putty	: 1 coat
	National N.C. Primer Surfacer	: 1 coat
	National N.C. Auto Lacquer Topcoat/Clear Coat	: 2 coats

NATIONAL AND INTERNATIONAL TEST CERTIFICATES

Sr. No.	Test Description	Test Reference	Compliance
1	VOC	USEPA 24	Local Regulatory Requirements

ADDITIONAL DATA

SHELF LIFE @ 30°C	18 months, in original sealed container, with proper storage conditions.
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HEALTH & SAFETY

SAFETY PRECAUTIONS	<p>As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapours and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area.</p> <p>This product contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations should be followed.</p>
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STORAGE & HANDLING

STORAGE	<p>Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not stock paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.</p>
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NOTE: We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests. We reserve the right to change data without prior notice. For surface preparation, safety details refer specifier and safety data.

This data sheet supersedes all previous issued.
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