



NATIONAL N.C. CRACKING LACQUER  
DECORATIVE COATINGS

TECHNICAL DATA SHEET

## NATIONAL N.C. CRACKING LACQUER

<b>PRODUCT DESCRIPTION</b>	A specifically formulated cracking lacquer based on Nitrocellulose resin and special additives. It is a fast drying cracking lacquer, which provides uniform cracking finish.
<b>RECOMMENDED USES</b>	Decorative cracking finish on wood, steel and masonry surfaces. Can be over coated with National N.C. Auto Lacquer Clear.

### TECHNICAL DATA

<b>COLOUR, DRY FILM</b>	White and Off white	Black
<b>FINISH, DRY FILM</b>	Matt	Matt
<b>VOLUME SOLIDS (ASTM D2697)</b>	12 ± 2%	12 ± 2%
<b>SPECIFIC GRAVITY</b>	1.32 ± 0.05	1.00 ± 0.05
<b>THEORETICAL SPREADING</b>	8 – 6 M <sup>2</sup> /LTR	8 – 6 M <sup>2</sup> /LTR
<b>RECOMMENDED DFT (DRY FILM)</b>	15 – 20 Microns/Coat	15 – 20 Microns/Coat
<b>RECOMMENDED WFT (WET FILM)</b>	125 – 165 Microns/Coat	125 – 165 Microns/Coat
<b>FLASH POINT</b>	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.)	
<b>TOUCH DRY</b>	15 – 30 minutes
<b>DRY TO OVER COAT</b>	3 – 4 hours
<b>HARD DRY</b>	8 – 15 hours

### ADVANTAGES

<b>NATIONAL N.C. CRACKING LACQUER</b>	Fast drying, Cracking finish, suitable on various surfaces, including metal and wood, as topcoat. Available in matt finish.
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### APPLICATION INSTRUCTION

<b>SURFACE PREPARATION</b>	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**

<b>APPLICATION METHOD</b>	Spray
<b>CLEANING/THINNING</b>	National Lacquer Thinner
<b>THINNER (VOLUME)</b>	5 – 10% depending on the method of application
<b>CONV. SPRAY REQUIREMENTS</b>	Possible
<b>AIRLESS SPRAY REQUIREMENTS</b>	Pressure : 2000 – 2200 psi
<b>NOZZLE SIZE</b>	0.017” – 0.019”
<b>MIXING RATIO (BY VOLUME)</b>	One pack
<b>POT LIFE @ 30°c (100 ml)</b>	NA

**SYSTEM**

<b>RECOMMENDED SYSTEM</b> To be applied on prepared surface.	National N.C. Primer Surfacer	: 1 coat
	National N.C. Putty	: 1 – 2 coats
	National N.C. Primer Surfacer	: 1 coat
	National N.C. Auto Lacquer Topcoat	: 1 coat
	National N.C. Cracking Lacquer	: 1 coat
	National N.C. Clear OR Nationalthane Q.D. Clear	: 1 coat

**ADDITIONAL DATA**

<b>SHELF LIFE @ 30°C</b>	12 months, in original sealed container, with proper storage conditions.
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**HEALTH & SAFETY**

<b>SAFETY PRECAUTIONS</b>	<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**

<b>STORAGE</b>	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.
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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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