



**NATIONAL N.C. WOOD STAIN  
DECORATIVE COATINGS**

**TECHNICAL DATA SHEET**

**NATIONAL N.C. WOOD STAIN**

<b>PRODUCT DESCRIPTION</b>	A product based on specific nitrocellulose resin. It can be easily applied on wood to give various transparent colours to wood.
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<b>RECOMMENDED USES</b>	For application on various types of wood, to give better, new look and colour. It can be overcoated by using N.C. Auto Lacquer Clear for protection and gloss.
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**TECHNICAL DATA**

<b>COLOUR, DRY FILM</b>	As per National shade card
<b>FINISH, DRY FILM</b>	Smooth / Matt
<b>VOLUME SOLIDS (ASTM D2697)</b>	15 ± 2%
<b>SPECIFIC GRAVITY</b>	0.92 ± 0.05
<b>THEORETICAL SPREADING</b>	18.5 – 15 M <sup>2</sup> /LTR
<b>RECOMMENDED DFT (DRY FILM)</b>	8 – 10 Microns/Coat
<b>RECOMMENDED WFT (WET FILM)</b>	55 – 65 Microns/Coat
<b>FLASH POINT</b>	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>	10 – 15 minutes
<b>DRY TO RECOAT</b>	30 – 45 minutes

**ADVANTAGES**

<b>NATIONAL N.C. WOOD STAIN</b>	Quick drying, gives better look and colour to wood, Uniform spreading, available in transparent and pigmented shades.
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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>	Brush, Spray
<b>CLEANING/THINNING</b>	National Lacquer Thinner
<b>THINNER (VOLUME)</b>	Ready to use
<b>CONV. SPRAY REQUIREMENTS</b>	Possible
<b>AIRLESS SPRAY REQUIREMENTS</b>	Pressure: 2000 – 2200 psi
<b>NOZZLE SIZE</b>	0.017” – 0.020”
<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. Wood Stain	: 2 coats
	National N.C. Sanding Sealer	: 2 coats
	National N.C. Auto Lacquer Clear	: 1 coat

**ADDITIONAL DATA**

<b>SHELF LIFE @ 30°C</b>	18 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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