



## TECHNICAL DATA SHEET

### **AMBER N.C. AUTO LACQUER TOPCOAT**

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| <b>PRODUCT DESCRIPTION</b> | 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. |
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| <b>RECOMMENDED USES</b> | As a topcoat for automobile and furniture applications. The dry film can be over coated with Amber N.C. Auto Lacquer Clear for enhancing the gloss and furniture protection. |
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### **TECHNICAL DATA**

|                                   |                         |                      |
|-----------------------------------|-------------------------|----------------------|
| <b>COLOUR, DRY FILM</b>           | As per Amber shade card |                      |
| <b>FINISH, DRY FILM</b>           | Smooth / Glossy         | Smooth / Matt        |
| <b>VOLUME SOLIDS (ASTM D2697)</b> | 32 ± 2%                 | 34 ± 2%              |
| <b>SPECIFIC GRAVITY</b>           | 1.10 ± 0.05             | 1.30 ± 0.05          |
| <b>THEORETICAL SPREADING</b>      | 16 – 10.5 M2 /LTR       | 17 – 11 M2 /LTR      |
| <b>RECOMMENDED DFT (DRY FILM)</b> | 20 – 30 Microns/Coat    | 20 – 30 Microns/Coat |
| <b>RECOMMENDED WFT (WET FILM)</b> | 65 – 95 Microns/Coat    | 60 – 90 Microns/Coat |
| <b>FLASH POINT</b>                | 7°C                     | 7°C                  |

### **DRYING TIME**

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| 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 RECOAT</b>   | 3 – 4 hours                  |
| <b>HARD DRY</b>  | 8 – 15 hours (For polishing) |



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### ADVANTAGES

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| <b>AMBER N.C. AUTO LACQUER TOPCOAT</b> | Quick drying, suitable on various surfaces, including metal, wood, as topcoat. Available in glossy and matt finish. |
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### APPLICATION INSTRUCTION

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| <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

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| <b>APPLICATION METHOD</b>         | Spray, Brush & Roller                     |
| <b>CLEANING/THINNING</b>          | Amber Lacquer Thinner                     |
| <b>THINNER (VOLUME)</b>           | 15 – 20% depends on method of application |
| <b>CONV. SPRAY REQUIREMENTS</b>   | Possible                                  |
| <b>AIRLESS SPRAY REQUIREMENTS</b> | Pressure : 2200 – 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  |



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### SYSTEM

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| <b>RECOMMENDED SYSTEM</b><br>To be applied on prepared surface. | Amber N.C. Primer Surfacer                 | 1 coat  |
|   | Amber N.C. Putty or Polyester Putty        | 1 coat  |
|   | Amber N.C. Primer Surfacer                 | 1 coat  |
|   | Amber N.C. Auto Lacquer Topcoat/Clear Coat | 2 coats |

### ADDITIONAL DATA

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| <b>SHELF LIFE @ 30°C</b> | 18 months, in original sealed container, with proper storage conditions. |
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### HEALTH & SAFETY

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| <b>SAFETY PRECAUTIONS</b> | 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. 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 |
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### STORAGE & HANDLING



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| <p><b>STORAGE</b></p> | <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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