**PRODUCT DESCRIPTION**

A one component, solvent based, modified nitrocellulose resin, transparent isolation/sanding sealer

**INTENDED USES**

A transparent, nitrocellulose sanding sealer designed for application to veneer, wood and MDF surfaces to seal in wood fibres.

NC Sanding Sealer applied in multiple coats will fill wood grain and provide a smooth surface prior to topcoating.

Rapid curing and easy sanding allows for fast turnaround time.

By applying a sanding sealer as a first coat to wood surface the subsequent sanding of further coats is reduced.

**CHARACTERISTICS**

- Fast Drying
- Excellent sealing properties on edging & porous boards
- Excellent overcoatability
- Limits the absorption of subsequent coatings into the wood, minimized shrink back
- Penetrates and "wets" the surface
- Provides improved adhesion for subsequent coatings
- Excellent anti-blocking properties
- Lubricated, clog free sanding
- Excellent smooth substrate for pigmented topcoat lacquers

**PRODUCT INFORMATION**

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Clear</td>
</tr>
<tr>
<td>Density</td>
<td>0.90 kg/litre</td>
</tr>
<tr>
<td>Non-Volatile %</td>
<td>23%</td>
</tr>
<tr>
<td>Thinner</td>
<td>Solvent EA</td>
</tr>
<tr>
<td>Typical Film Thickness</td>
<td>80-150 g/m² per coat</td>
</tr>
<tr>
<td>Number of Coats</td>
<td>3 - max 450 g/m²</td>
</tr>
<tr>
<td>Method of application</td>
<td>Spray</td>
</tr>
<tr>
<td>Number of Coats</td>
<td>Multiple</td>
</tr>
<tr>
<td>Pack Size</td>
<td>5, 20 &amp; 200 Lt</td>
</tr>
</tbody>
</table>
**Drying Information**

<table>
<thead>
<tr>
<th>Temperature</th>
<th>10°C</th>
<th>20°C</th>
<th>25°C</th>
<th>40°C</th>
<th>50°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touch Dry</td>
<td>-</td>
<td>15 m</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Stackable</td>
<td>-</td>
<td>2 h</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Thorough</td>
<td>-</td>
<td>1 D</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Overcoating Data – See Limitations**

<table>
<thead>
<tr>
<th>Substrate Temp.</th>
<th>10°C</th>
<th>20°C</th>
<th>25°C</th>
<th>40°C</th>
<th>50°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum</td>
<td>-</td>
<td>1 hr</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Maximum</td>
<td>-</td>
<td>24 hrs</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**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**

Stir well with a flat-bottomed paddle or mechanical mixer until product is uniform.

- **Air Spray**
  - Recommended
  - Gun Fluid Tip: 1.4 mm to 1.6 mm

- **Airless Spray**
  - Recommended
  - Tip Range: 11-17 Thou. Pressure at the tip should not be less than 140 bar (2000 PSI)

- **Thinner**
  - Solvent EA

  Additions will vary depending on thinner used and temperature. Ideal viscosities will vary for different applications

- **Cleaner**
  - SA65 Thinner

  For dry paint and equipment
### 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 Speccoats™ 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 Speccoats™ 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.

### STORAGE

**Shelf Life**

12 months minimum at 25°C

Subject to inspection thereafter. Store in dry conditions out of direct sunlight away from source of heat or ignition.

### IMPORTANT NOTE

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.