# PRODUCT DATA SHEET

## NITRO WOODFILLER

### General:
Nitrofilla is a smooth coloured paste which is normally used unthinned to help fill the timber grain when a full-grain finish is required - as with Reproduction furniture.

### Product Codes:

<table>
<thead>
<tr>
<th>Shade</th>
<th>Product code</th>
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<th>Product code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Mahogany</td>
<td>29 851 8050</td>
<td>Sheraton/Sapele</td>
<td>29 851 8058</td>
</tr>
<tr>
<td>Medium Mahogany</td>
<td>29 851 8065</td>
<td>Special Dark Mahogany</td>
<td>29 851 8042</td>
</tr>
<tr>
<td>Medium Oak</td>
<td>29 851 8053</td>
<td>Walnut/Repro Mahogany</td>
<td>29 851 8051</td>
</tr>
<tr>
<td>Repro Mahogany</td>
<td>29 851 8051</td>
<td>Yew</td>
<td>29 851 8043</td>
</tr>
<tr>
<td>Neutral</td>
<td>29 851 8055</td>
<td>White Liming Paste</td>
<td>29 851 3513</td>
</tr>
</tbody>
</table>

### Technical Data:
Nitro Woodfiller is a stiff coloured paste which is worked into the grain of timber to aid obtaining a ‘full grain’ finish, such as with Reproduction Furniture. Nitro Woodfillers are often used in conjunction with a stain to achieve the desired colour - Nitrostains are suitable to use with Nitro Woodfiller. Where possible it is advisable to select a filler which is darker than the colour of the timber being used to prevent the filler showing light in the grain.

### Application:
When using a Nitro Woodfiller in conjunction with a stain, it is advisable to stain first and allow the stain to dry thoroughly before applying the filler. This is to prevent sinkage and also the possibility of pulling the filler out of the grain when wiping a stain on top of the filler. Nitrofillas are supplied ready for use as a stiff paste and should be applied as supplied. They may be thinned (up to a maximum of 10%) to assist application, but thinning will significantly reduce the filling properties and is discouraged. There may be some separation of solvent on the surface when the can is opened – this should be fully reincorporated before use. For maximum efficiency Nitrofilla should be applied and removed using a coarse textured cloth (eg hessian, mutton cloth, lace curtaining, towelling, or similar).
**Application (contd.)**

**Application:**
Dip the cloth into the filler and ensure a reasonable quantity of filler sticks to the cloth. Application should be across the grain of the timber or in a circular motion working the filler into the grain. Once the surface has been filled, immediately remove the excess filler from the surface working in the same direction as for application. (Trying to remove excess by rubbing in the direction of the grain will result in pulling the filler back out of the grain. Finish off with a light wipe in the grain direction. If the filler is left too long before removal, difficulty will be experienced in removal of the excess. Failure to wipe off cleanly could result in loss of clarity and adhesion. Use of cloth which is too smooth will result in difficulty in application and removal as the cloth will slide over the filler and not allow it to be worked. Application may be carried out by spray, but the Nitrofilla will need thinning 10% and a large tip set-up will be required on the gun. The excess filler will then need to be removed as above – bearing in mind that spray application will apply more filler than ragging so the wiping off process will be more laborious.

**Drying Time:**
Nitro Woodfillers are formulated on slow evaporating solvents to assist wiping, so require a minimum of 4 hours drying at 20°C before overcoating. If possible fill in the afternoon and leave to dry overnight. Prior to lacquering, lightly denib the surface with a piece of worn fine sandpaper in the direction of the grain to remove any surface bits.

**Coverage:**
The coverage will depend on timber type and grain depth, but should be an average of 5m² per 1 kilo.

**Thinners:**
If it is deemed necessary to thin these products, thin up to 10% with Nitrofilla Thinners, 29 851 0001. Remember that thinning will reduce filling properties.

**Colour Matching:**
These products may be mixed together to give other colours.

**Packaging:**
Nitro Woodfillers are supplied in 4 kilo containers as standard. The above standard range is normally available from stock.

**Physical Constants:**
VOC level: 320g/litre

**Health and Safety:**
Refer to Nitrofilla MSDS before use.

_Last Updated April 2011_

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