**TECHNICAL DATA SHEET**

**TEAMALAK HIGH PERFORMANCE VARNISH 507/P101**

<table>
<thead>
<tr>
<th>DESCRIPTION:</th>
<th>The practical spreading rate may be lower as this depends on factors such as the porosity and roughness of the surface to be painted and material losses during application.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DESCRIPTION:</strong></td>
<td>Our Teamalak High Performance Varnish is our most durable marine varnish. It is a 2 pack polyurethane coating that can extend the lifespan of your boat providing outstanding scratch resistance and UV protection. It's easy to clean finish assists fungal and algae growth removal.</td>
</tr>
<tr>
<td><strong>RECOMMENDED USE:</strong></td>
<td>Teamalak High Performance Varnish is suitable for yachts, power boats, dinghies, narrowboats, cruisers, commercial vehicles and many other marine applications. It can be applied to suitably prepared wood, steel and correctly prepared aluminium (It cannot be applied directly to existing solvent based coatings).</td>
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<tr>
<td><strong>AVAILABILITY:</strong></td>
<td>5 litre mixed packs</td>
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<tr>
<td><strong>FINISH:</strong></td>
<td>High Gloss</td>
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<tr>
<td><strong>COLOUR:</strong></td>
<td>Clear</td>
</tr>
<tr>
<td><strong>TYPICAL S.G. (SPECIFIC GRAVITY):</strong></td>
<td>1.07 @ 20 °C</td>
</tr>
<tr>
<td><strong>VOLUME SOLIDS:</strong></td>
<td>47%</td>
</tr>
<tr>
<td><strong>WET FILM THICKNESS W.F.T</strong></td>
<td>125 microns</td>
</tr>
<tr>
<td><strong>DRY FILM THICKNESS D.F.T</strong></td>
<td>60 microns</td>
</tr>
<tr>
<td><strong>EXPECTED SPREADING RATE:</strong></td>
<td>8 sq.m / litre @ 60 microns D.F.T</td>
</tr>
</tbody>
</table>

**TYPICAL VISCOSITY:**
N/A

**FLASH POINT:**
40 °C (closed cup)

**CURE TIME: @ RECOMMENDED D.F.T**
- Initial cure: 3 to 4 hours @ 20 °C
- Hard dry: 16 to 24 hours @ 20 °C
- Full cure: 5 to 7 days @ 20 °C

Low temperature and high humidity will adversely affect application, curing and performance of any coating.

**POTLIFE:**
6 to 8 hours @ 20 °C

**VOC CONTENT:**
Max 498 g / litre

VOC’s (Volatile Organic Compounds) contribute to atmospheric pollution.

**APPLICATION SPECIAL CONDITIONS:**
See Application Conditions.

**APPLICATION DETAILS:**
- Application restrictions
- Method: Brush or short nap mohair roller. Airless Spray

For further advice contact Teamac Technical Services on +44(0)1482 320194

The physical constants are subject to normal manufacturing tolerances.

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### MIXING INSTRUCTIONS:

The product is supplied in two containers: one larger than the other and labelled Base. The other smaller one labelled Activator. The contents of the pack marked Activator are added to the contents of the larger pack marked Base and thoroughly mixed together, preferably by slow speed electric mixer for 2 minutes or until thoroughly mixed. Failure to mix the material correctly will lead to uncured areas in the coating.

### APPLICATION CONDITIONS:

Apply between 5°C to 30°C by brush or short nap mohair roller. This product can also be spray applied in approved conditions. When brush or roller applied at ambient temperatures - these products do not emit free Isocyanate at above levels recommended by C.O.S.H.H. Regulations. However, the protective measures shown on the product labels and safety data sheets must be followed. When used at elevated temperatures or atomised (sprayed) these products do emit small amounts of free Isocyanate and should only be sprayed in an atmosphere controlled working area, with suitable ventilation or flame proof extraction of air. Operatives must wear suitable protective clothing and separate air fed breathing apparatus. It is recommended that spraying of these products be avoided wherever possible to facilitate uncomplicated application and site conditions.

### PRECEDING COAT:

Apply direct.

### SUBSEQUENT COAT:

Teamalak High Performance Varnish - for best results apply 2 to 3 coats.

### REMARKS:

Not for use over conventional solvent based paints or varnishes.

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