NAVILUX 4900
Chlorinated Rubber Based

PRODUCT DESCRIPTION
A single component, high solids chlorinated rubber based antifouling designed for tropical waters.

DESIGN FEATURES
A conventional chlorinated rubber based anti-fouling suitable for use on a variety of hulls, e.g. steel, aluminium, wood etc.
Highly active biocides package that gives an expected anti-fouling protection of up to 18 months or more.
It is tin-free.
Smooth finishing that is easy to apply. Easy maintenance coating.
Excellent performance on vessels which have long lay-up periods.
Recognized by Llyod’s Register of Shipping as a TBT-Free Anti-fouling Paint compliant with MO International Convention on the Control of Harmful Anti-fouling Systems on Ships.

PHYSICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Recommended Application Data</th>
<th>Wet [µm]</th>
<th>Dry [µm]</th>
<th>m²/l</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theoretical Coverage</td>
<td>112</td>
<td>75</td>
<td>8.9</td>
</tr>
</tbody>
</table>

- Volume solids: 67% (based on ASTM D2697)
- Dry Film Thickness Range: 75 µm to 100 µm
- Flash Point: 28 °C
- Finish: Low Sheen
- Colour Range: Red
- Standard Packing Size: 20 litres

APPLICATION METHOD

<table>
<thead>
<tr>
<th>Method</th>
<th>Tip Size: 0.53 – 0.66 mm (21 – 26 thou)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIRLESS SPRAY</td>
<td>Pressure: 110 - 150 kg/cm² (1600 – 2100 psi)</td>
</tr>
</tbody>
</table>

CONVENTIONAL SPRAY: May be used.
BRUSH OR ROLLER: Also recommended. However, additional coats may be required to achieve the recommended film thickness.

DRYING TIME

<table>
<thead>
<tr>
<th>Substrate Temperature</th>
<th>Touch Dry</th>
<th>Hard Dry</th>
<th>Over-coating Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Minimum</td>
<td>Maximum</td>
<td></td>
</tr>
<tr>
<td>15 °C</td>
<td>4 hours</td>
<td>12 hours</td>
<td>12 hours Indefinite</td>
</tr>
<tr>
<td>25 °C</td>
<td>2 hours</td>
<td>6 hours</td>
<td>6 hours Indefinite</td>
</tr>
<tr>
<td>35 °C</td>
<td>1 hour</td>
<td>3 hours</td>
<td>4 hours Indefinite</td>
</tr>
</tbody>
</table>

USEFUL INFORMATION

| THINNER               | SOLVALUX 7-25 (Maximum 10% addition) |
| CLEANER               | SOLVALUX 7-25                           |
| STORAGE               | Store in a cool dry shaded area.        |

STORAGE: Store in a cool dry shaded area.
SURFACE PREPARATION

The service life span and the service performance of NAVILUX 4900 is directly related to the degree of surface preparation and the integrity of the existing paint system.

NEW VESSELS

- Navilux 4900 must be applied to suitably primed substrates e.g. with Epimastic 3000HS.
- The surface preparation of the substrate should be as per required for the primer, unless otherwise recommended by Berger Paints Representative.
- Ensure that the specified overcoating times in between coats have not been exceeded.
- Ensure that the surface to be over-coated is clean, dry, free from dust, grease and oil, or any other surface contaminants.

MAINTENANCE (Over existing chlorinated rubber anti-fouling)

- High pressure water jet or power / hand tool clean to remove all accumulated fouling and loose and flaking coatings.
- Allow to dry and ensure surface is thoroughly clean and existing paint system is tightly adherent before applying a tie-coat, e.g. Epimastic 3000HS.
- Then overcoat with 2 coats of Navilux 4900.

To avoid condensation of moisture onto substrate prior to coating application, relative humidity should not exceed 85% and substrate temperature should be more than 3°C above Dew Point.

<table>
<thead>
<tr>
<th>SUITABLE PRIMERS</th>
<th>Epilux 610, Epimastic 3000HS, Epilux 66</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUITABLE INTERMEDIATES</td>
<td>Epilux 18HS, Luxavin 1480</td>
</tr>
</tbody>
</table>

NOTES

- The coating specifications given above are typical. For specific recommendations to suit individual applications, please refer to your Berger Paints representative.
- Do not use over existing anti-fouling without using a sealer coat.
- Ensure that the final dried film build is not less than 150 microns (2 coats) to achieve its designed life for protection against marine fouling.

SAFETY PRECAUTION

Avoid contact with eyes and skin. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use barrier cream.

Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe in vapour or spray mist.

This product is flammable. Keep away from sources of ignition. Do not smoke.

Take precautionary measures against static discharge.

In case of fire, blanket flames with foam, carbon dioxide or dry chemicals.

FIRST AID

**Eyes** : In the event of accidental splashes, flush eyes with warm water immediately and seek medical advice.

**Skin** : Wash skin thoroughly with soap and water or approved industrial cleaner.

- Do Not Use solvents or thinners.

**Inhalation** : Remove to fresh air, loosen collar and keep patient rested.

**Ingestion** : In case of accidental ingestion, DO NOT INDUCE VOMITING. Obtain immediate medical attention.

For further safety information, please refer to our Material Safety Data Sheet (MSDS).

DISCLAIMER

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.