**Product Description**
A high performance, low friction, linear polishing polymer (LPP) antifouling incorporating unique patented Lubyon® and silyl methacrylate technology.

Particularly suitable for use where reduced solvent emissions are required and specifically designed for deep sea vessels at Newbuilding or Maintenance & Repair.

**Key Features**
- Linear polishing for predictable performance and to deliver controlled, consistent polishing and biocide release
- A faster polishing rate compared to other Intercept products, combined with an optimized biocide package delivers highest performance fouling control for a biocidal system
- Particularly suitable for high fouling challenge routes such as Arabian Gulf to South Asia
- High volume solids (56%) & low VOC (378g/l) for faster application, reduced waste and less paint requirement
- Up to 90 months schemes for flexibility in docking cycle

**Product Information**

| Colour               | LPP854 – Brown  
<table>
<thead>
<tr>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LPP857 - Red</td>
</tr>
<tr>
<td><strong>Surface preparation</strong></td>
<td>Intercept®8500 LPP should always be applied over a recommended primer coating scheme</td>
</tr>
<tr>
<td><strong>Volume solids</strong></td>
<td>56% +/-2% (ISO 3233:1998)</td>
</tr>
<tr>
<td><strong>Typical film thickness</strong></td>
<td>125 microns dry (223 microns wet)</td>
</tr>
<tr>
<td><strong>VOC</strong></td>
<td>378g/lt EPA Method 24</td>
</tr>
<tr>
<td><strong>Method of application</strong></td>
<td>Airless spray, Brush, Roller</td>
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</tbody>
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To find out more visit: [www.international-marine.com](http://www.international-marine.com)
**Intercept® 8500 LPP**

**TBT Free, Low friction, Linear Polishing Polymer**

**Linear Polishing**

Unlike typical silyl and metal acrylate biocidal antifoulings, Intercept®8500 LPP replicates the linear polishing behavior of previous tributyltin based antifouling’s. Typical silyl acrylate based products polish slowly initially, thereafter the rate of polishing steadily increases. Whereas typical metal acrylate systems polish fast initially before reaching a steady state.

**Superhydrophilic Surface**

The Lubyon® polymer creates a ‘superhydrophilic’ surface, meaning it’s water loving, which creates a lubricating effect. This ‘lubricious’ effect results in a low friction, smooth and slippery surface on immersion, which is maintained throughout the lifetime of the coating.

**AIR BUBBLE UNDERWATER CONTACT ANGLE (DEGREES)**

<table>
<thead>
<tr>
<th></th>
<th>SILYL ACRYLATE</th>
<th>CDP</th>
<th>METAL ACRYLATE</th>
<th>LUBYON®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Angle (Degrees)</td>
<td>121</td>
<td>127</td>
<td>129</td>
<td>156</td>
</tr>
</tbody>
</table>

A superhydrophilic surface will have an underwater contact angle with an air bubble >150°

**Intercept® 8500 LPP Performance case study**

Performance on a 37,000 DWT Chemical Tanker after 30 months in service

Excellent performance compared to other high performance Self Polishing Copolymers

51% activity > 3 knots globally trading

Performance on a 301,000 DWT VLCC after 22 months in service

Excellent performance compared to a fast polishing coastal Self Polishing Copolymer

71% activity > 3 knots trading from Arabian gulf to South East Asia

Performance compared to silyl acrylate on a 301,000 DWT VLCC after 35 months (dive inspection) Intercept®8500 LPP on the left hand side

71% activity above 3 knots globally trading

For each of our products the relevant Product Data Sheet, Material Safety Data Sheet and package labelling comprise an integral information system about the product in question. Copies of our Product Data Sheets and Material Safety Data Sheets are available on request or from our website.

Unless otherwise agreed in writing, all products supplied and technical advice or recommendations given are subject to the Conditions of Sale of our supplying company and the provisions of the relevant product data sheet.

To find out more visit: [www.international-marine.com](http://www.international-marine.com)

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