

# Micron 99

## Antifouling

Professional high strength, premium, multi-season SPC antifouling



### PRODUCT DESCRIPTION

Micron 99 is a premium SPC antifouling developed especially for professional use on hulls over 82 feet, with ultimate multi-season performance in salt, fresh and brackish waters. Using the latest resin and biocide technology to deliver unmatched performance, the high solid, low VOC formula reduces emissions to the environment as well as needing fewer coats and less frequent application thus reducing maintenance costs and haul-outs. A license may be required in each State of application.

### PRODUCT INFORMATION

<b>Color</b>	YBC101-Blue, YBC106-Black
<b>Finish</b>	Low Sheen
<b>Specific Gravity</b>	2.2
<b>Volume Solids</b>	65%
<b>Typical Shelf Life</b>	2 yrs
<b>VOC (As Supplied)</b>	300 g/lit
<b>VOC (EU Solvent)</b>	137.3 g/kg EU Solvent Emissions Directive (Council Directive 1999/13/EC)
<b>Unit Size</b>	1 US Gallon, 3 US Gallon

### DRYING/OVERCOATING INFORMATION

	Drying			
	41°F (5°C)	59°F (15°C)	77°F (25°C)	95°F (35°C)
Touch Dry [ISO]	60 mins	45 mins	30 mins	20 mins
Immersion	24 hrs	18 hrs	12 hrs	12 hrs
Dry To Walk On	12 hrs	10 hrs	8 hrs	4 hrs
Hard Dry [ISO]	4 hrs	2 hrs	1.5 hrs	1.3 hrs

**Note:** Max. Immersion Times are as follows: 5-35°C/40-95°F - 12 months

Micron 99 is a high performance Self Polishing Co-Polymer (SPC) antifouling, and with over application the product may be slow to through-dry. Please ensure product is hard dry before lifting vessel, although sling marks may occur this will not impact the performance of the paint.

	Overcoating Substrate Temperature							
	41°F (5°C)		59°F (15°C)		77°F (25°C)		95°F (35°C)	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Micron 99	8 hrs	ext	6 hrs	ext	4 hrs	ext	3 hrs	ext

### APPLICATION AND USE

#### Preparation

#### PREVIOUSLY ANTIFOULED SURFACE

##### In Good Condition

All fouling and contamination must be thoroughly removed including the leached layer. Use close high pressure fresh water wash (3000 psi) and/or scraping and wet sanding with typically 80 grade paper. If old antifouling is incompatible or unknown, seal with 2 coats of Primocon.

##### In Poor Condition

Remove all loosely adhering and flaking material, feather back all edges and sand all areas. Areas taken back to substrate should be treated as for new work. If old antifouling is incompatible or unknown or in poor condition remove all coatings

#### PRIMING

For suitable primers, consult [interlux.com](http://interlux.com) or contact your local Interlux Representative

#### BARE GRP

Degrease with solvent or suitable detergent cleaner. Sand with 80 grade (grit) paper. Clean thoroughly and allow to dry completely. Prime with Interprotect 2000E.

#### STEEL

Degrease with solvent or suitable detergent cleaner. Gritblast to Sa 2½ - near white metal surface. If gritblasting is not possible, grind the metal surface with 24-36 grit abrasive discs to a uniform, clean, bright metal surface with a 2-3 mil anchor pattern. Use angle grinder on small areas. Clean thoroughly and allow to dry completely. Prime using Interprotect HS as soon as possible (within 8 hours) as detailed for specific coating systems.

#### LEAD

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Degrease with solvent or suitable detergent cleaner. Sand well using 80 grade paper or power wire brush. Clean thoroughly and allow to dry completely. Prime using an Interprotect HS as detailed for specific coating systems.

### BARE WOOD/PLYWOOD

Sand smooth with 80-180 grade paper. Remove sanding dust by brushing, dusting and wiping, or other suitable method. Clean down thoroughly and ensure surface is dry. Prime using an Interlux primer as detailed for specific coating systems.

### REFURBISHMENT

The first coat of Micron 99 should always be applied over a recommended anticorrosive primer system. The primer surface should be dry and free of all contaminants (oil, grease, salt etc) and overcoated with Micron 99 within the overcoating interval specified for the primer.

### REPAIR/UPGRADE

Degrease and high pressure wash at 3000psi. Repair corroded areas with the recommended anticorrosive primer system.

Surface patina may occur in some waters on some copper-containing products. It is best to remove as much of the copper patina as possible before the paint dries, when the boat is first lifted, using high pressure fresh water washing (HPFWW) at a pressure between 3000psi and 5000psi. Once dried, the patina is much more difficult to remove by HPFWW; an alternative is to lightly wet sand the surface to remove as much patina as possible. Failure to adequately remove thick layers of patina could result in subsequent coating detachment. After drying, and providing the patina is strongly adhered and fully intact, it can be overcoated directly with fresh antifouling.

#### Method

**Brush/roller application:** Apply 6 mils total DFT for 24 months performance, this can be achieved by applying 2 coats in one application. Apply an extra coat on the leading and trailing edges, waterline, rudder and keel.

**Airless spray application:** Due to the higher film thickness achieved by spray, apply 8 mils total DFT for 24 months performance. This can be achieved by applying 1 coat in one application, if preferred. Apply an extra coat on the leading and trailing edges, waterline, rudder and keel.

#### Hints

**Mixing** Stir well before use.

**Thinning** May be thinned between 5-10% to assist application by roller.

**Cleaner** Special Thinner 216 or Brush-Ease 433.

**Airless Spray** Pressure: 2000-3000 psi. Tip Size: 2180.

**Other** Take care to apply all the paint calculated even if it means applying an extra coat.

To prevent premature failure, ensure the correct amount of paint is applied using the coverage as a guide.

Ambient temperature should be minimum 5°C/41°F and maximum 35°C/95°F.

Substrate temperature should be 1°C/5°F above dew point. Special Thinner 216 or Brush-Ease 433.

#### Compatibility/Substrates

GRP, Wood, Steel/Iron, Lead.

Aluminum and Zinc: contact the Interlux® Technical Service Department at 1-800-468-7589 for full information on how to properly prime underwater metals.

Can be applied direct over most types of antifouling, eg Micron 66, Micron Extra, Micron CSC and Ultra, provided they are in sound condition. Unknown antifouling should be removed or sealed with Primocon.

#### Number of Coats

##### NEWBUILDING

2 minimum by airless spray

2 minimum by brush/roller

##### REFURBISHMENT

1 coat of 8 mils DFT by airless spray can be achieved, resulting in reduced work time.

#### Coverage

Theoretical 265 ft<sup>2</sup>/gall by airless spray, 355 ft<sup>2</sup>/gall by brush/roller

Practical 200 ft<sup>2</sup>/gall by airless spray, 318 ft<sup>2</sup>/gall by brush/roller

#### Recommended DFT per coat

3 mils dry by brush / roller, 4 mils dry by spray

#### Recommended WFT per coat

4.6 mils wet by brush / roller, 6.2 mils wet by spray

#### Application Methods

Airless Spray, Brush, Roller

### TRANSPORTATION, STORAGE AND SAFETY INFORMATION

#### Storage

##### GENERAL INFORMATION:

Exposure to air and extremes of temperature should be avoided. For the full shelf life of this product to be realized ensure that between use the container is firmly closed and the temperature is between 5°C/41°F and 35°C/95°F. Keep out of direct sunlight.

##### TRANSPORTATION:

The product should be kept in securely closed containers during transport and storage.

#### Safety

##### GENERAL:

Contains biocides. Antifouling should only be wet sanded. Never dry sand or burn-off old antifouling. Read the label safety section for Health and Safety Information, also available from our Technical Help Line.

##### DISPOSAL:

Remainders of Micron 99 cannot be disposed of through the municipal waste route or dumped without permit. Disposal of

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### IMPORTANT NOTES

remainders must be arranged for in consultation with the authorities.

*The information given in this sheet is not intended to be exhaustive. Any person using the product without first making further written enquiries as to the suitability of the product for the intended purpose does so at their own risk and we can accept no responsibility for the performance of the product or for any loss or damage (other than death or personal injury resulting from negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.*

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