

# Marine Paint Manual

Reference No. : 12 - 02 Z

Issue Date: June 2013 (ES)

## ECOLOFLEX SPC 200

A hydrolytic self-polishing tin-free antifouling which contains a special copper acrylate copolymer based on our patented technology. It is specially designed for general ocean-going vessels. ECOLOFLEX SPC series ensure excellent and long term antifouling performance endorsed by massive track records.

<b>Suitable Use</b>	For general ocean-going vessels			
<b>Type</b>	Cuprous oxide / Special acrylate copolymer (Tin-free / Self-polishing / Hydrolysis)			
<b>Colour</b>	Brown Z, Light Brown Z			
<b>Gloss</b>	Semi-gloss			
<b>Volume Solids</b>	62 ± 2% (ISO3233:1998)			
<b>Typical Dry Film Thickness</b>	65 ~ 150 µm			
<b>Approx. Wet Film Thickness</b>	105 ~ 242 µm			
<b>Theoretical Coverage</b>	6.21 m <sup>2</sup> / L (100 µm)			
<b>Drying Time</b>	Surface Dry	1 hour (5°C)	40 minutes (20°C)	30 minutes (30°C)
	Dry Hard	3 hours (5°C)	1 hour (20°C)	40 minutes (30°C)
<b>Interval before Overcoating (by self)</b>	Min.	6 hours (5°C)	4 hours (20°C)	3 hours (30°C)
	Max.	- (5°C)	- (20°C)	- (30°C)
<b>Interval before Immersion (100 µm)</b>	Min.	18 hours (5°C)	12 hours (20°C)	10 hours (30°C)
<b>Thinner</b>	NIPPON MARINE THINNER 300 ( 0 ~ 5%, by weight )			
<b>Application Method</b>	Airless Spray	Tip range	0.69 ~ 0.84 mm	
		Fan range	62 ~ 75°	
		Output pressure	above 150 kg / cm <sup>2</sup>	
	Brush / Roller	For touching up small areas only		
<b>Typical Package</b>	20 L			
	Package may vary from country to country.			
<b>Japan Local Brand</b>	ECOLOFLEX SPC 200			
<b>Flash Point</b>	24° C			
<b>Surface Preparation</b>	All surfaces to be coated should be clean, dry and free from contamination. High pressure fresh water wash and remove all oil / grease, soluble contaminants and other foreign matters.			
<b>Safety</b>	Take precautions to avoid skin and eye contact (i.e. gloves, goggles, face masks, barrier creams etc.)			
	Proper ventilation and protective measures must be provided during applications and drying period to keep solvent vapour concentrations within safe limits.			
	Prior to use, obtain, consult and follow the MSDS for this product concerning health and safety information.			



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**< Note >**

- 1) 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.
- 2) Use NIPPON MARINE THINNER 300 to wash painting appliances, hoses and guns before and after use.
- 3) The declaration letter of Tin-free Antifouling Paint would not be issued if mixed with the other antifouling paints product or another chemical products.
- 4) Store the paints in paint store.