

# Marine Paint Manual

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Issue Date: July 2020 (EU)

## ECOLOFLEX SPC 200

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

Suitable Use	For general ocean-going vessels				
Type	Cuprous oxide / Special silyl acrylate copolymer (Tin-free / Self-polishing / Hydrolysis / High Solid)				
Color	Brown Z, Light Brown Z, Black Z				
Gloss	Semi-gloss				
Volume Solids	62 ± 2% (ISO3233:1998)				
Typical Dry Film Thickness	65 ~ 150 μm				
Approx. Wet Film Thickness	105 ~ 242 μm				
Theoretical Coverage	6.21 m <sup>2</sup> / L (100 μm)				
Drying Time	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)	
Interval before Overcoating ( by self )	Min.	6 hours (5°C)	4 hours (20°C)	3 hours (30°C)	
	Max.	— (5°C)	— (20°C)	— (30°C)	
Interval before Immersion ( 100 μm )	Min.	18 hours (5°C)	12 hours (20°C)	10 hours (30°C)	
		※See Note (4).			
Thinner	NIPPON MARINE THINNER 300 ( 0 ~ 5%, by volume )				
Application Method	Airless Spray	Tip range	0.69 ~ 0.84 mm		
		Fan angle	62° ~ 75°		
		Output pressure	above 150 kg / cm <sup>2</sup>		
	Brush / Roller	For touching up small areas only			
Packaging	20 L				
Japan Local Brand	ECOLOFLEX SPC 200				
Flash Point	24 °C				
Surface Preparation	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.				

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### Safety

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 vapor concentrations within safe limits.  
Prior to use, obtain, consult and follow the SDS for this product concerning health and safety information.

### <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) Interval before immersion is related to ambient conditions, ventilation, film thickness, and number of coats and will be affected correspondingly. Contact us for actual application.
- 5) For availability of product consult Nippon Paint Marine representatives.
- 6) Unit size and filled volumes can vary due to local regulations.
- 7) Store the paints in paint store.