

# Marine Paint Manual

Reference No. : 12 - 04C

Issue Date: January 2017 (ES)

## ECOLOFLEX SPC 150 HyB

Patented copolymer technology (Copper silyl acrylate copolymer) which ensures long term and stable low friction effect which makes the fresh active coating surface constantly exposed to seawater, resulting in excellent antifouling performance.

Suitable Use	For ocean going vessels (medium to high speed)			
Type	Copper silyl acrylate copolymer (Tin-free / Low friction / Hydrolysis / High solid)			
Colour	Brown C, Light Brown C			
Gloss	Semi-gloss			
Volume Solids	60 ± 2 % (ISO3233:1998)			
Typical Dry Film Thickness	65 ~ 150 µm			
Approx. Wet Film Thickness	108 ~ 250 µm			
Theoretical Coverage	6.00 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	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	60° ~ 75°	
		Output pressure	above 200 kg / cm <sup>2</sup>	
Typical Package	Brush / Roller	For touching up small areas only		
	16 L Package may vary from country to country.			
Japan Local Brand	ECOLOFLEX SPC 150 HyB			
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) Store the paints in paint store.