

# Marine Paint Manual

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## NOA 1000 FWT SF

A two-pack high-performance, solvent free pure epoxy anticorrosive designed for fresh and potable water tanks. With no solvent contained, it ensures hygienically safe application. This product is characterized by Self Indicating (SI) technology, which enables a painter to visually judge if the correct film thickness ( wet / dry ) has been achieved during the application process.

Suitable Use	Anticorrosive for fresh water tanks			
Type	Solvent free two-pack pure epoxy			
Color	Buff			
Gloss	Semi-gloss			
Volume Solids	98 ~ 100% (ISO3233:1998)			
Dry Film Thickness	300 μm			
Approx. Wet Film Thickness	300 μm			
Theoretical Coverage	3.33 m <sup>2</sup> / L			
Drying Time	Surface Dry	48 hours (5°C)	18 hours (20°C)	12 hours (30°C)
	Dry Hard	5 days (5°C)	32 hours (20°C)	24 hours (30°C)
Interval before Overcoating ( by self )	Min.	5 days (5°C)	32 hours (20°C)	24 hours (30°C)
	Max.	10 days (5°C)	7 days (20°C)	5 days (30°C)
Thinner	<b>Dilution Not Allowed. For cleaning, use NIPPON MARINE THINNER 600</b>			
Application Method	Airless Spray	Tip range	0.48 ~ 0.53 mm	
		Fan angle ( T/U )	45 ~ 60° 30°	
		Output pressure	150 ~ 250 kg / cm <sup>2</sup>	
	Brush	For touching up small areas only		
Mixing Ratio by Volume	BASE 3.57 / HARDENER 1			
Pot Life after Mixing	2 hours (5°C)	1 1/2 hours (20°C)	1 hour (30°C)	
Typical Package	16 L (BASE 12.5 L, HARDENER 3.5 L)			
Japan Local Brand	ORGA 1000 NOA SF			
Flash Point	BASE 138 °C, HARDENER 132 °C			
Surface Preparation	Blast cleaned to ISO-Sa2 <sup>1/2</sup> or power tool cleaned to ISO-St3 is recommended. 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

Though NOA 1000 FWT SF is a solvent-free paint, all work involving the application and use of this product should take precautions by gloves, goggles, face masks, barrier creams etc. to avoid skin and eye contact from spray mist.

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) Do not dilute this product for the application. For cleaning, use NIPPON MARINE THINNER 600.
- 3) The curing is retarded at temperatures below 10 °C. Use fan heaters etc. to accelerate the curing, if necessary.
- 4) As the pot life is considerably shorter than normal solvent-type products, mix only the estimated amount to be used.
- 5) Provide adequate ventilation during and after application.
- 6) For the application, refer to our "Painting Specification of NOA 1000 FWT SF System for Fresh Water Tank Coating".
- 7) Keep the drying time for minimum 7 days (20 °C) before loading fresh water.
- 8) Store the paints in paint store.