

Marine Paint Manual

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TETZSOL 200 ECO

A highly heat resistant and oil resistant finish containing silicone alkyd resin as a binder. It can withstand at high temperatures up to 200°C. It does not contain hazardous heavy metal contents such as chrome or lead.

Suitable Use	Heat resistant finish for boilers, engines, etc.						
Type	Silicone alkyd (up to 200℃)						
Color	Silver						
Gloss	Flat						
Volume Solids	29 ± 2% (ISO3233:1998)						
Typical Dry Film Thickness	10 ~ 15 μm						
Approx. Wet Film Thickness	34 ~ 52 μm						
Theoretical Coverage	29.00 m²/ L (10 μm)						
Drying Time	Surface Dry	30 minutes	(5℃)	20 minutes	(20℃)	15 minutes	(30℃)
	Dry Hard	16 hours	(5℃)	4 hours	(20℃)	3 hours	(30℃)
Interval before Overcoating (by self)	Min.	16 hours	(5℃)	4 hours	(20℃)	3 hours	(30℃)
	Max.	7 days	(5℃)	7 days	(20℃)	7 days	(30℃)
Thinner	NIPPON MARINE THINNER 500 (0 ~ 10%, by volume)						
Application Method	Airless Spray	Tip range	0.33 mm				
		Fan angle	55 ~ 69°				
		Output pressure	120 ~ 150 kg / cm²				
	Brush / Roller	For touching up small areas only					
Packaging	Single Pack						
Japan Local Brand	TETZSOL 200 ECO						
Flash Point	32 °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.						
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.						

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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) Strictly adhere to the painting intervals. Detachment may occur when the specified interval is exceeded.
- 3) Heating up to 180 °C for 30 minutes is essential to achieve the designated film performance.
- 4) Detachment may occur if the coating is heated and dried at a rapidly rising temperature due to machinery operation. To prevent this, slowly increase the temperature by no more than 200 °C per hour or run the machinery intermittently.
- 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.