



# Okitsumo Heat Resistant Paint No.980 Rust Under coat

Date : 2007.8.28  
Revised :

## 1 . Application

Heat resistant temperature Max. 600 . For Under coat of outside of interior heating equipments.

## 2 . Characteristics

Item	Content
Parts	1 Can
Type of packing	1Kg, 4Kg, 16Kg
Color	Rust
Luster	Mat
Density (23 )	1.25 ± 0.08 g/ml
Viscosity (23 )	BM Viscometer 3rd rotor 60 rolling 1200 ± 300mPa·s
Nonvolatile content	42.0 ± 2.0%
Flash point	24
Ignition point	367 (n-Butanol)
Shelf life	6 months
Danger sign	Class 4 grade 2 petroleum
Division of organic solvent	Type organic solvent
Toxic substance sign	Xylene, Toluene, n-Butanol

Note

The value mentioned above shows the standard and there are some fluctuation.

## 3 . Coating standard

Item	Content		
Appropriate substrate	Aluminium, iron, stainless		
Pre-treatment	Over SSPC-SP3/SIS St3 by hand tool, machine tool or blast		
Blending	Mix it well before use, disperse uniformly		
Work life (20 )			
Thinner	No.50 , No.50B, No.100, 100B thinner		
Coating method	Coating method	Brushing	Spraying
	Dilution	1 0 ~ 2 0 wt%	1 5 ~ 2 5 wt%
	Passes to spray or brush	1 pass	1 pass
	Coverage	1 4 0 g/m <sup>2</sup> /pass	1 7 0 g/m <sup>2</sup> /pass
	Film thickness (Dry)	2 0 μ m	
Ex. of airless coating condition	Nozzle No. : 1 6 C 1 1 (ASAHI SANAC) Pressure : 6 ~ 8 MPa (secondary pressure)		

Drying	Temp.	5	2 0	3 0
	Set to touch	1 hr	3 0 mins	3 0 mins
	Tack free	2 hrs	1 hr	1 hr

Note Depend on the air temperature or individual condition, the coverage may be changed. The film thickness mentioned above is supposition.  
Regarding to the detail of specification, please refer to the enforcement spec.

## 4 . Precautions

- 1) Use after open the container and mix well until no lumps remain.
- 2) Paint after remove oil, moisture, dust on the surface.
- 3) Do not paint under the condition mentioned below.  
The day of rain and snow.  
When the air temperaure is under 5  
When the difference between air temp. and the dew point is within 3 .  
When the relative humidity is over 85%.  
The day of gale.
- 4) Drying at room temp. make the film set to touch. Harden at 180 for 20mins by baking
- 5) The coated film has adherence temporarily and emits smoke when it heat for first time, but it will not emit the smoke and
- 6) Store the paint after use airtight to prevent from skinning.
- 7) Regarding to the general precautions for handling or others, please refer to MSDS.