



# Okitsumo Heat Resistant Paint No.405 Silver

Date: 2007.8.28  
Revised:

## 1 . Application

Heat resistant temperature Max. 400 . For outside of interior heating equipments.

## 2 . Characteristics

Item	Content
Parts	1 Can
Type of packing	800g, 3kg, 16kg
Color	Silver
Luster	Mat
Density (23 )	1.00 ± 0.08 g/ml
Viscosity (23 )	11 ± 1sec. (Ford cup No.4)
Nonvolatile content	30.0 ± 2.0%
Flash point	10
Ignition point	480 (Toluene)
Shelf life	6 months
Danger sign	Class 4 grade 1 petroleum
Division of organic solvent	Type organic solvent
Toxic substance sign	Toluene, Xylene

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.100 thinner		
Coating method	Coating method	Brushing	Spraying
	Dilution	0 ~ 10wt%	0 ~ 10wt%
	Passes to spray or brush	1 pass	1 pass
	Coverage	7.5 g/m <sup>2</sup> /pass	10.0 g/m <sup>2</sup> /pass
	Film thickness (Dry)	10 μm	
Ex. of airless coating condition	Nozzle No.: 16C09 (ASAHI SANAC) Pressure: 4 ~ 6 MPa (secondary pressure)		

Drying	Temp.	5	20	30
	Set to touch	1 hr	30 mins	30 mins
	Tack free	2 hrs	1 hr	1 hr

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

## 4 . Precautions

- Use after open the container and mix well until no lumps remain.
- Paint after remove oil, moisture, dust on the surface.
- Do not paint under the condition mentioned below.
  - The day of rain and snow.
  - When the air tempaure 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.
- Drying at room temp. make the film set to touch. Harden at 180 for 20mins by baking
- The coated film has adherence temporarily and emits smoke when it heat for first time, but it will not emit the smoke and harden
- Store the paint after use airtight to prevent from skinning.
- Regarding to the general precautions for handling or others, please refer to MSDS.