

Product Description	One package, containing nanometer SiO ₂ and special resin, high-temperature resistant pigments and ceramic glaze, it is a kind of heat resistant and oxygen-proof paint. The film can be dry in room temperature, protecting the steel surface during 800-1250°C .		
Intended Uses	Mainly used to be a kind of heat-resistant paint which is widely suited for protecting the steel surface, during the processing of the steel substrate in and out the hot oven, this paint can protect the steel surface not to be oxidized and carbon-lost. This paint can provide a long-term protection below 650°C too.		
Product Information	Volume Solids	23%	
	Dry Film Thickness	23 microns equivalent to 100 microns of wet film	
	Theoretical Coverage	10 m ² / Kg	
	Practical Coverage	Allow to appropriate loss factors	
	VOC	662.2 g/L	
Application Details	Mix ratio	One package	
	Airless Spray	Recommended: Tip range: 0.43-0.53mm. Fluid pressure: ≥17.6MPa	
	Brush or Roller	Recommended	
	Conventional Spray	Suitable, But not recommended.	
	Thinner	OUP 102, suggest adding 3%~5%.	
	Cleaner	OUP 102	
	Pot Life	No limited	
	Drying Time	Substrate Temperature	Touch Dry (hours)
	10°C	4	48
	23°C	1.5	36
	35°C	1	24
Storage and Packing	Storage	Store in cool and dry conditions	
	Storage Life	One year	
	Pack Size	20 Kg in 20 liter container	
	Flash Point	Above 24°C	
	Specific Gravity	Approx 1.0-1.05 Kg/L	
Specification and Surface Preparation	The steel surface: Blast cleaned to ISO 8501:2007 Sa2.5 or be rust-removed manually or with power tool to St3, and should be clean and dry. Stir to even before application.		

Safety Precautions for Solvent Paint

This product should be used in painting area by professional operators. When painting, please refer to Product Data Sheet and MSDS. Consult our company if consumers could not completely understand the precautions for safety and health when applying this product.

This product is a kind of solvent-based paint. In order to avoid danger or accident, minimal safety precautions, as follow, should be done:

The paint contains volatile solvent and is flammable. So must keep away from sparks and open flames. No smoking at application site. Effective precautions (such as using explosion-proof electrical equipments, no static electricity accumulation or metal collision etc) also should be done so as to avoid producing sparks. Flash point of paint, mentioned above on Product Data Sheet, is the lowest temperature at which mixture of the volatile materials of paint can ignite or explode with air, so we suggest painting should be stopped above the temperature of flash point.

Enough ventilation is necessary at application site. In order to remove any danger of explosion, must keep the ratio of gas to air is less than 10%, the minimum explosive limit in general. Therefore, 200m³ of ventilation quantity per 1Kg solvent (according to the solvent) is necessary.

Protect skin and eyes, and avoid touching with paints (Recommend to wear working clothes, gloves, eye protection, face masks, barrier creams and so on). If paint gets in touch with skin, wash fully with a large amount of fresh water and soap or appropriate commercial cleaner. In case of eyes being contaminated, rinse with fresh water for 10min at least and give medical treatment immediately.

Recommend face guard with ventilation pipe for the sake of no absorption of paint fog and harmful solvent gas, especially in badly ventilated conditions.

Handle empty containers with care and do not bring about environmental contamination.

NOTICE: If consumers haven't taken effective safety precautions (Refer to the specifications), our company will NOT be responsible for any accident.

The purpose of the data sheet is to advise you. We can accept no liability for the results obtained during use, due to the variety of applications and the different substrates involved. The publication of the data sheet invalidates all previous data sheets for the product.