

Product Description	Palm red or grey, possesses outstanding adhesion, water and corrosion resistance on steel and non-ferrous metal surface. Can be coated with epoxy, polyurethane, alkyd, chlorinated rubber and acrylic paint, and suitable for the cathodic protection system.				
Intended Uses	A kind of universal epoxy primer and can be applied on the surface of steel, galvanized steel, aluminum, copper structure and non-rusting steel plate. It can be used in water or exposed on atmosphere. The applying and drying temperature can be low to -5°C if no ice and humidity on the surface.				
Product Information	Volume Solids	67%			
	Dry Film Thickness	50-100 microns			
	Theoretical Coverage	7.98 m ² / Kg at 60μm of dry film thickness.			
	Practical Coverage	Allow to appropriate loss factors			
	VOC	281 g/L			
Application Details	Mix ratio	A : B = 5 : 1 (By weight)			
	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 103, Suggest adding 3%~5%.			
	Cleaner	OUP 103			
	Pot Life	23°C : 6 hours			
	Drying Time	Substrate Temperature	Touch Dry (hours)	Hard Dry (hours)	Over coating Interval
				Minimum	Maximum
	5°C	2	24	24 hours	6 Months
	23°C	1	12	12 hours	6 Months
	35°C	0.5	6	6 hours	6 Months
Storage and Packing	Storage	Store in cool and dry conditions			
	Storage Life	One year			
	Pack Size	A: 20 Kg in 20 litre container B: 4 Kg in 4 litre container			
	Flash Point	> 25°C (mixture)			
	Specific Gravity	Approx 1.40 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. The galvanized steel, aluminum, copper, no-rusting surface. Clean up oil and crease before the surface blasting to the coarseness more than 30 microns.				
Limitations	The temperature of substrate should be above 5°C during the application and curing. And it should be more than 3°C more than the dew point.				

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.