

Product Description	One package primer or intermediate paint, iron red, short drying time. May be construct at low temperature. Its film may counteract splash of weak chemical, and therefore, possesses excellent resistance to corrosion							
Intended Uses	As primer or intermediate coat, used for engineering machine, machine tool, electric machine, hardware parts and architectural steel structures etc.							
Product Information	Volume Solids	About 56%						
	Dry Film Thickness	40-80 μ m						
	Theoretical Coverage	8.62 m ² /Kg, Based on the dry film thickness of 50 μ m.						
	Practical Coverage	Allow to appropriate loss factors						
	VOC	378 g/L						
Application Details	Mix ratio	One package						
	Airless Spray	Recommended: Tip range: 0.43-0.53mm. Fluid pressure: \geq 17.6MPa						
	Brush or Roller	Recommended						
	Conventional Spray	Suitable, But not recommended.						
	Thinner	OUP 110, suggest adding 3%~5%.						
	Cleaner	OUP 110						
	Pot Life	No limited						
	Drying Time	Substrate Temperature	Touch Dry (minutes)	Hard Dry (hours)	Over coating Interval			
					Minimum	Maximum		
					5 $^{\circ}$ C	30	24	24 hours
23 $^{\circ}$ C					20	12	12 hours	No limited
35 $^{\circ}$ C	3	4	4 hours	No limited				
Storage and Packing	Storage	Store in cool and dry conditions						
	Storage Life	One year						
	Pack Size	25 Kg in 20 liter container						
	Flash Point	> 28 $^{\circ}$ C						
	Specific Gravity	About 1.30 Kg /L						
Specification and Surface Preparation	When used as primer: New steel structure must be blasted to be in accordance with Sa 2.5 Standard or rust-removed with power tools to reach St3 grade. Wash grease away with solvent. Keep the surface to be painted clean and dry. When applied as intermediate coat: Suitable Preceding Coat: Epoxy primer, Chlorinated rubber primer series, and Vinyl primer series etc. Surface to be painted should be clean and dry. Suitable Subsequent Coat: Acrylic resin based finishing paint.							

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.