

Product Description	Two packages, high solids, high-build, modified epoxy resin.					
Intended Uses	Maintenance paint for tide, used for steel pile of dock, bridge and surface subject to moisture, which is an ideal on-site refinishing paint, also suited for painting surfaces of re-oxidized and high humidity, excellent impact resistance to tide.					
Product Information	Volume Solids	85%				
	Dry Film Thickness	500µm equivalent to 590µm of wet film.				
	Theoretical Coverage	1.0 m ² /kg at the stipulated volume solids and 500µm of dry film thickness.				
	Practical Coverage	Allow to appropriate loss factors				
	VOC	130 g/L				
Application Details	Mix ratio	A : B = 7 : 1 (By weight)				
	Airless Spray	Recommended: Tip range: 0.53-0.66mm. Fluid pressure: ≥19MPa				
	Brush or Roller	Allowed, but multiple brushing is needed for the sake of the stipulated film thickness.				
	Conventional Spray	Impossible				
	Thinner	OUP 103, Suggest adding 3%~5%.				
	Cleaner	OUP 103				
	Pot Life	5°C -90 minutes; 23°C -45 minutes; 35°C -30 minutes				
	Drying Time	Substrate Temperature	Touch Dry (hours)	Hard Dry (hours)	Over coating Interval	
					Minimum	Maximum
		5°C	7	48	48 hours	21 days
23°C		3	36	36 hours	14 days	
	35°C	2	24	24 hours	7 days	
Storage and Packing	Storage	Store in cool and dry conditions				
	Storage Life	One year				
	Pack Size	A: 21 Kg in 20 litre container B: 3 Kg in 4 litre container				
	Flash Point	> 23°C				
	Specific Gravity	1.6-1.7 Kg/L				
Specification and Surface Preparation	<p>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. Roughness after blasting should be in the range 40-75µm. When blasting with salt water or considerable salt, the surface must be completely cleaned with clean water.</p> <p>The product is acceptable for the surface with re-oxidized rust, and the surface fully dried up may be over-coated with this product.</p>					
Limitations	The curing time may be prolonged underwater. This product is originally designed for application of "one coat". If needed for repair, it may be directly applied on the wet primed coat.					

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.