

Product Description	Two packages paint based on acrylic resin with high hydroxyl value, weatherable pigment and aliphatic isocyanate polymer with high volume solids. The paint film with good appearance shows excellent wearability, resistance to ultraviolet, color and gloss retention and strong adhesion. In addition, it is hard and resistant to weak or moderate acid/ alkali/salt, daily use chemicals and oil. High gloss, half gloss or matt.					
Intended Uses	A sort of polyurethane finish with excellent performance, suitable to paint all kinds of engineering machinery and engineering automobile, such as vehicle with cement mixer, agriculture machinery, truck, excavator, reaper, forklift, bulldozer and crane etc.					
Product Information	Volume Solids	63%				
	Dry Film Thickness	50-80μm				
	Theoretical Coverage	10.08 m ² /Kg, based on the paint film thick 50μm				
	Practical Coverage	Allow to appropriate loss factors				
	VOC	318.2 g/L				
Application Details	Mix ratio	A : B = 5 : 2 (by weight)				
	Airless Spray	Recommended: Tip range: 0.43-0.49mm. Fluid pressure: ≥15.5MPa				
	Brush or Roller	Recommended: use short fur roller or soft brush to decrease bubble.				
	Conventional Spray	Suitable, But not recommended.				
	Air assistant- Airless Spray	Recommended				
	Thinner	OUP 104, suggest adding 3%~5%.				
	Cleaner	OUP 104				
	Pot Life	5℃ : 6 hours; 23℃ : 4 hours; 35℃ : 2 hours				
	Drying Time	Substrate Temperature	Touch Dry (minutes)	Hard Dry (hours)	Over coating Interval	
					Minimum	Maximum
5℃		45	24	24 hours	5 days	
23℃		30	12	12 hours	3 days	
35℃	20	10	10 hours	1 day		
Storage and Packing	Storage	Dry, cool conditions, far away from fire and heat source.				
	Storage Life	A: One year; B: 6 months				
	Pack Size	A: 5 Kg in 8 liter container B: 2 Kg in 4 liter container				
	Flash Point	> 23℃ (A, B and their mixture)				
	Specific Gravity	1.10-1.25 Kg/L				
Specification and Surface Preparation	The surface painted with primer or intermediate coatings should be clean, dry and free from grease. Precedent Coat: Epoxy based primer or intermediate paint; Polyurethane based primer or intermediate paint. Also compatible with unsaturated polyester filler.					
Limitations	Must mix component A and B according to the practical necessary quantity. Recommend making this paint just before painting. Should use up in pot life in case it would cure and could not be used. In storage or application, should avoid water vapor.					

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.