

Product Description	SHR 1800-1: one package acrylic paint , convenient to construct. SHR 1800-2: two packages polyurethane paint, excellent gloss and color retention, good resistance to weather, solvent and chemical. High-gloss or semi-gloss, many colors.				
Intended Uses	As a new heat-insulation reflecting anti-corrosive paint, widely used on the surface of metal tank, oil pipes, petroleum storage cans and refrigeration house, barn, metal house proof etc. The reflect rate is high(≥ 0.70), the seepager-resistance and adhesion is outstanding. It can decrease the temperature of steel, for surface: 10-20 $^{\circ}\text{C}$, for inner: 5-10 $^{\circ}\text{C}$.				
Product Information	Volume Solids	SHR 1800-1: 50% SHR 1800-2: 55%			
	Dry Film Thickness	100 μm			
	Theoretical Coverage	SHR 1800-1: 4.17 m^2/Kg (DFT: 100 μm) SHR 1800-2: 4.58 m^2/Kg (DFT: 100 μm)			
	Practical Coverage	Allow to appropriate loss factors			
	VOC	SHR 1800-1: 430 g/L SHR 1800-2: 387 g/L			
Application Details	Mix ratio	SHR 1800-1: One pack SHR 1800-2: A : B = 6 : 1 (By weight)			
	Airless Spray	Recommended: Tip range: 0.43-0.53mm. Fluid pressure: $\geq 17.6\text{MPa}$			
	Brush or Roller	Recommended			
	Conventional Spray	Suitable, But not recommended.			
	Thinner	OUP 110 (SHR 1800-1); OUP 104 (SHR 1800-2), suggest adding 3%~5%.			
	Cleaner	OUP 110 (SHR 1800-1); OUP 104 (SHR 1800-2)			
	Pot Life	SHR 1800-1: No limited; SHR 1800-2: 23 $^{\circ}\text{C}$ -6 hours			
	Drying Time	Substrate Temperature	Touch Dry (hours)	Hard Dry (hours)	Over coating Interval
				Minimum	Maximum
	23 $^{\circ}\text{C}$	1	24	16 hours	No Limited
Storage and Packing	Storage	Store in cool and dry conditions			
	Storage Life	One year			
	Pack Size	SHR 1800-1: 20 Kg in 20 liter container SHR 1800-2: A: 18 Kg in 20 liter container; B: 3 Kg in 4liter container			
	Flash Point	Above 23 $^{\circ}\text{C}$			
	Specific Gravity	Approx 1.2 Kg/L			
Specification and Surface Preparation	Keep the preceding coat film dry and clean. The recommended preceding coat: Zinc-rich primer, epoxy primer, epoxy intermediate paint etc.				
Limitations	Thicker is the coat, better is the effect about decreasing the temperature.				

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.