

Product Description	One package. Grey zinc-rich heavy duty anti-corrosive primer. Good heat resistance and weldable performance.				
Intended Uses	Cold Galvanized Paint is a new type of one component paint to achieve the “Galvanized” process in normal temperature. The zinc content of non-volatile portion is above 96%, and the anticorrosion performance of cold galvanized film is similar to hot galvanized film. It is suitable for maintenance of old galvanized film, also used in new anticorrosion application for steel structures in all field. Its durability can be above 30 years.				
Product Information	Volume Solids	45%			
	Dry Film Thickness	30 μ m			
	Theoretical Coverage	About 5 m ² / Kg at 30 microns dry film thickness.			
	Practical Coverage	Allow to appropriate loss factors			
	VOC	473 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 221, suggest adding 3%~5%.			
	Cleaner	OUP 221			
	Pot life	No limited			
	Drying Time	Substrate Temperature	Touch Dry (minutes)	Hard Dry (hours)	Over coating Interval
				Minimum	Maximum
	5 $^{\circ}$ C	30	36	24 hours	No limited, remove the zinc salt
	23 $^{\circ}$ C	18	16	12 hours	No limited, remove the zinc salt
	35 $^{\circ}$ C	12	12	6 hours	No limited, remove the zinc salt
Storage and Packing	Storage	Store in cool and dry conditions			
	Storage Life	One year			
	Pack Size	40 Kg in 20 litre container			
	Flash Point	Above 28 $^{\circ}$ C			
	Specific Gravity	2.97 Kg/L			
Specification and Surface Preparation	The steel surface should be prepared to Sa2.5 for blasting cleaning. The surface to be applied should be clean and dry. The substrate temperature should be greater than 5 $^{\circ}$ C, at least 3 $^{\circ}$ C above the dew point. The relative humidity of condition should be less than 80% when the paint being applied and curing. Recommended coat: Spray one coat for the purpose of reaching 30 μ m of dry film thickness.				

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.