

<b>Product Description</b>	Contains zinc powder, grey primer. Excellent resistance to deterioration on weathering, welding and cutting-through property, ablation resistance, heat-resistance and long time protection.					
<b>Intended Uses</b>	As a shop primer, it is suited for painting the steel plate especially which is blasted, it can protect the steel structure for a short or middle time during the storage, construction and fabrication. It is specially designed for the auto-spray equipment.					
<b>Product Information</b>	Volume Solids	63%				
	Dry Film Thickness	15-20 $\mu$ m				
	Theoretical Coverage	14.36 m <sup>2</sup> / Kg				
	Practical Coverage	Allow to appropriate loss factors				
	VOC	318 g/L				
<b>Application Details</b>	Mix ratio	ZIES214 : ZIES218 = 2 : 1				
	Airless Spray	Recommended: Tip range: 0.48-0.58mm; fluid pressure: $\geq$ 8MPa				
	Brush or Roller	Suitable, only for repairing.				
	Conventional Spray	Adoptable, but stirring are necessary				
	Thinner	OUP 107				
	Cleaner	OUP 107				
	Pot life	23 $^{\circ}$ C : 24 hours				
	Drying Time	Substrate Temperature	Touch Dry (minutes)	Hard Dry (hours)	Over coating Interval	
					Minimum	Maximum
		5 $^{\circ}$ C	5	24	24 hours	No limited
23 $^{\circ}$ C		3	16	16 hours	No limited	
35 $^{\circ}$ C	2	12	12 hours	No limited		
<b>Storage and Packing</b>	Storage	Store in cool and dry conditions				
	Storage Life	One year				
	Pack Size	18Kg in 20 litre container				
	Flash Point	Above 13 $^{\circ}$ C (mixture)				
	Specific Gravity	Approx 2.80 kg/L				
<b>Specification and Surface Preparation</b>	The steel surface: oil and grease removed with proper cleaner. Blast clean to ISO 8501:2007 Sa2.5 or rust-removed manually or with power tool to St3. The coarseness should be between 40 microns and 75 microns.					
<b>Limitations</b>	The temperature of substrate should be above the dew point in preventing from the moisture freezing. The minimum over-coating interval depends on the temperature and relative humidity, and the maximum depends on the climate and environment. The surface to be coated with this paint must be clean, dry and free from zinc salt. No painting over alkyd or oil-based paint etc.					

## 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, 200m<sup>3</sup> 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.