



A pure silicone resin based heat resistant paint containing inorganic pigments. After curing, the coating is very good resistant to thermal shock conditions from ambient temperature to 600 °C/1112 °F, and provides excellent rust-preventing property.

Also, it has outstanding electric insulation and resistance to weathering.

Recommended use	As a heat resistant paint for use on stove, motor, boiler, heater, engine, muffler, ventilator, steam lines and similar thermal implements operating from ambient temperature to 600 °C/1112 °F
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Physical Properties

Finish and Color	Flat. Silver (9180), Black (1999), Grey					
Solids by volume	Silver : Approx. 42 % , Black : Approx. 26 % , Grey : Approx. 40 % (Determined by ISO 3233)					
Spreading rate (Theoretical)	Silver : 21.0 m ² /L, Black : 13 m ² /L, Grey : 20 m ² /L in 20 μm dry film thickness on a smooth surface.					
Flash point	26 °C/79 °F (Closed cup)					
Chemical Resistance		Acids	Alkalis	Solvents	Salts	Water
	Splash & Spillage	Fair	Poor	Good	Good	Good
	Fumes	Fair	Fair	Good	Good	Good

Application details

Surface preparation	Remove any oil grease, dirt and any other contaminants from the surface before painting by proper method such as solvent cleaning and fresh water washing. etc *Steel : Blast cleaning to Sa 2½ "Near White Metal".			
Preceding coat	Can be applied directly to the well cleaned surface. But, for better anti-corrosive effect, Yeolcoat Primer QP160 or suitable preceding coat may be applied as a primer by specification.			
Method of application	Spray (Airless or Air) or Brush application. For airless spray application : Nozzle orifice : 330 μm ~ 381 μm (0.013" ~ 0.015") Output pressure : 11.7 MPa ~ 15.2 MPa Fan : 60 ° (Airless spray data are indicative and subject to adjustment)			
Thinning	Thinner No. 002			
Application conditions	The surface should be completely cleaned and dried. Do not apply when relative humidity is above 85 %. The surface temperature should be at least 2.7 °C (5 °F) above dew point to prevent condensation. In confined areas, ventilate with clean air during application to assist solvent evaporation.			
Film thickness	20 ~ 25 μm dry. May be specified in another film thickness than indicated depending on purpose and area of use.			
Drying time	Substrate temperature	5 °C/41 °F	20 °C/68 °F	30 °C/86 °F
	Set to touch	4 h	1 h	30 min

	Dry to hard	24 h	10 h	8 h
	* For full hardness, the coating should be exposed in service at temperature of 200℃/392°F over 1 hour time period.			
Recoating interval	At 20 ℃/ 68 °F, Min. : 1 h, Max. : Free.			
Heat resistance temperature	Continuous : 600℃/1112 °F (Non-immersion service)			
Storage and package				
Shelf life	12 months			
Packing Unit	4L / 18L			
	*The packing should be turned regularly twice a month to prevent the deposition			
Transportation condition	Transport in refurbished containers between 5℃ ~ 30℃ (41°F ~ 86°F)			
	Use air cushions when loading containers			
Remarks				
Note	1. Avoid prolonged breathing of solvent vapors. 2. Use with adequate ventilation. 3. Respiratory protection is recommended when applying this material in confined spaces or stagnant air.ventilation. 4. Keep away from sparks and open flams. 5. Although this product dry rapidly in air, it remains somewhat soft until exposed to heat over 200℃/392°F, and may be susceptible to mechanical damage. 6. However, it is unaffected by moderate-term weather exposure 7. Unduly heavy coats result in impaired adhesion. 8. Keep the recommended dry film thickness.			
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Disclaimer : The information in this data sheet is believed to the best of our knowledge based on laboratory test and practical experience. However, there are many factors affecting the performance of product and the product quality itself, so we are not able to guarantee without the confirmation of the purpose of using the product from us in writing. We reserve the right to change the data without notice and you should check that this data sheet is current prior to using the product.

