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**TECHNICAL DATA SHEET**

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**VS03S2065**  
**HEAT RESISTANT PAINT**

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**DESCRIPTION**

<b>Product Description</b>	A single component, fast drying, acrylic modified silicon resin based, heat resistant paint. Developed for high temperature and corrosion resistance property demands of metal industry. It can be applied in ambient conditions. Heat resistant up to 250°C on carbon steel surfaces when applied recommended dry film thicknesses.
<b>Intended Use</b>	<ul style="list-style-type: none"><li>• It is used for long-term protection of hot pipelines, exhaust pipes, chimneys etc., surfaces heated up to 250°C.</li></ul>
<b>Characteristic Properties</b>	<ul style="list-style-type: none"><li>• After prolonged exposure above 250 ° C, color change may occur, but this change does not affect the protective properties of the paint.</li><li>• Fast drying</li></ul>

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**PRODUCT PROPERTIES**

<b>Color</b>	Light black
<b>Gloss Level</b>	Matt
<b>Mixing Ratio</b>	Material is supplied in one container. Base (Comp A) = VS03S2065 Thinner = TF0001 : 10 % by weight (depends on app. condition)
<b>Solids (by volume)</b>	% 42-46
<b>Suggested Thickness</b>	25±5 microns dry film
<b>Theoretical Coverage</b>	Approximately 17.6 m <sup>2</sup> /L (25 microns dry film*) Approximately 12.5 m <sup>2</sup> /kg (25 microns dry film*)  The practical coverage depends on the factors, such as shape of the construction, roughness of the substrate, method and conditions of application. A guideline for spraying is:  Large areas: Approx. 70% of the theoretical coverage. Small areas: Approx. 50% of the theoretical coverage.
<b>Application Method</b>	Conventional spray, Brush, Roller

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**STORAGE AND SAFETY INFORMATION**

<b>Storage</b>	Store in a well ventilated and dry conditions at temperatures between 10 - 40°C. The packaging should not be exposed to direct sunlight. The shelf lives of the product (base) is at least 12 months in unbroken original package, under mentioned storage conditions.
<b>Warnings</b>	See label for precautions. The user of this product is required to comply with the national statutory regulations for health, safety during transportation and at work and waste disposal. See the MSDS for detailed information.

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**APPLICATION INFORMATION**

**Surface Preparation** All surfaces to be coated should be completely clean, dry and free from contamination (SSPC SP-1).

**Application Conditions** Ambient temperature shall be above 5°C and relative humidity shall be below 85%. Surface temperature shall be a minimum of 3°C above the dew point. Adequate ventilation shall be provided in confined spaces to ensure proper drying. Ideal application temperature is 5°C - 40°C at 65% RH.

**Product Preparation** Material is supplied in one container.  
Base (Comp A) = VS03S2065  
  
-Stir Base part with power agitator well before application.

**Application Method, 20°C**

Equipment	Conventional Spray	Brush / Roller
Thinner	TF0001	5690KCZ
Dilution	10 % by weight	10 % by weight
Application Viscosity	20-25 sec./DC 4/20°C	
Nozzle Pressure	2 – 4 bars	-
Nozzle Size	1.8 – 2.0 mm	-

Drying Time, %65 RH (for 25 microns DFT)	Surface Temperature	10°C	20°C	30°C
	Touch Dry		20 minutes	10 minutes

**Packaging** Base = Weight (kg)  
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The effectiveness of our systems is based on many years' practical experience and laboratory research. We guarantee that the quality of the work performed in accordance with our systems meets the Kansai Altan standards, provided that our instructions are followed carefully and the work is performed in accordance with the requirements as to good craftsmanship. We decline any responsibility, if the final result is affected by factors beyond our control. The customer has to determine the suitability of the delivered products for the intended application by using the means which normally are at his/her disposal.

Issue Date : 25/06/2020 (It is the user's responsibility to check that this sheet is up to date)  
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