

TECHNICAL DATA SHEET

MS95MG2389 HEAT RESISTANT PAINT, ALUMINIUM

DESCRIPTION

Product Description	A single component, moisture curing, modified silicon resin and aluminium pigment based paint. MS95 series performs high durability at elevated service temperatures and under severe corrosive environments when applied over ethyl silicate primers. Heat resistant up to 600°C on dry abrasive blasted carbon steel and up to 400°C when applied over inorganic zinc rich primers.
Intended Use	• Developed for use over ethyl silicate primers at elevated temperatures and under severe corrosive environments.
Characteristic Properties	• High heat resistance

PRODUCT PROPERTIES

Color	Aluminium
Gloss Level	Glossy
Mixing Ratio	Material is supplied in one container. Base (Comp A) = MS95MG2389 Thinner = TF0001 : 10-15 % by volume (depends on app. condition)
Solids (by volume)	% 43-47
Suggested Thickness	35±5 microns dry film
Theoretical Coverage	Approximately 12.86 m ² /L (35 microns dry film*) (Excessive film thickness must be avoided. 75 microns total dry film thickness (DFT) is recommended for high temperature service in tow coats. Total DFT should be applied according to minimum overcoating time.) 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.
Application Method	Conventional spray

STORAGE AND SAFETY INFORMATION

Storage	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 6 months in unbroken original package, under mentioned storage conditions.
Warnings	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.

Page:1/2

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APPLICATION INFORMATION**Surface Preparation**

Performance of this product depends upon the degree of surface preparation. All surfaces to be coated should be completely clean, dry and free from contamination. ISO 8501-1 Sa 2^{1/2} abrasive blasting is recommended.

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) = MS95MG2389

-Stir Base part with power agitator well before application.

- Preventing contact of the packaging with air during application as much as possible reduces the severity of shell formation in packaging.

Application Method, 20°C

Equipment	Conventional Spray
Thinner	TF0001
Dilution	10-15 % by volume
Nozzle Pressure	4 – 6 bars
Nozzle Size	1.4 – 1.8 mm

Drying Time, %65 RH
(for 35 microns DFT)

Touch Dry : 1-2 hrs.

Hard Dry : 24 hrs. (Minimum overcoating time)

Fully Cured : 200°C / 120 min. (Object temperature) recommended for ultimate mechanical durability

Packaging

Base =

Volume (litres)
20

Size of containers (litres)
25

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 : 18/05/2017 (It is the user's responsibility to check that this sheet is up to date)

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Page:2/2