Technical Data Sheet

Acrylic Hitemp Paint

1. General description

Fast-drying spray paint, resistant to high temperatures (up to 800°C). Very good filling properties and excellent adhesion. Ideal for painting objects that are exposed to high heat. Also suitable as a protective lacquer for engines. Very weather resistant and scratch proof.

Can be used on following surfaces:

- Metal
- Cast iron
- Aluminium

2. Features

- Fast-drying: dust-dry in 10 minutes (at 20°C, 50% relative air humidity)
- Resistant to high heat: up to 800°C
- Excellent adhesion
- Very good covering and filling properties
- Scratch-proof
- Weather-resistant

3. Applications

CRC Acrylic High Temperature Paint is recommended as a protective spray paint that can withstand temperatures up to 800°C. Ideal for painting and protection of pipelines, heat shields, ovens, pipes,…

4. Directions

- The surface must be clean, dry and free of rust, dust and grease.
- Thoroughly sandblast: the surface has to be blank to the bare metal. (Do not use a primer)
- Before use, shake well until the agitator ball moves freely in the can (for 2 to 3 minutes).
- Spray in 2 minute intervals several thin coats. Spray from a distance of +/- 25 cm. **Important**: the thinner the paint coat, the better the temperature-resistance and adhesion will be.

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- When finished, clean the aerosol valve by turning the can upside down and press the button until only propellant escapes.
- For full temperature-resistance: gradually heat the coating to 160°C to 200°C and let the paint harden at that temperature for +/- 30 minutes. Formation of smoke and an unpleasant odour can be noticed. Make sure that there is sufficient ventilation.
- A safety data sheet (MSDS) according to EC Regulation N° 1907/2006 Art.31 and amendments is available for all CRC products.

5.Typical product data (without propellant)

Basis of the binder:	Silicone resin
Colour:	Various
Size:	400 ml aerosol
Gloss level:	3 to 5 gloss units (matt)
Consumption:	400 ml are sufficient for +/- 1 – 1.2 m^2 (depending on consistence and colour of the ground)
Drying time (at 20°C, 50% relative air humidity):	Dust-dry: +/- 10 minutes
	Dry to touch: +/- 60 minutes
	Can be exposed to temperature: +/- 1 hour
Temperature-resistant:	Up to 800°C

Date: June 3, 2019