

TECHNICAL DATA SHEET

23.01.2024 REV.5

HEAT RESISTANT PAINT

PRODUCT

Silicone-based paint for high temperatures.

PROPERTIES AND FIELDS OF USE

Enamel for painting objects subjected to high temperatures. The product is resistant to operating temperatures of 300 °C and to temporary temperature changes of up to 500 °C. Complete hardening is achieved after exposure to 160-180 °C. Colour variation after thermal exposure does not affect the strength characteristics of the product. Ideal for: DIY - INDUSTRY-CRAFT.

SURFACES

High adhesion on metal supports, such as mufflers, exhaust pipes, barbecue, stoves etc.
Incompatibility: do not apply on surfaces with residues of products containing silicones.

TECHNICAL SPECIFICATIONS

Binder	Silicone-acryl
Yield	1,5-2 m ²
Pressure at 20 °C	from 4.2 to 4,8 bar
Pressure at 50 °C	from 7.6 to 8.4 bar
COV	see SDS Sec. 9.1 and 15.3
Gloss level:	matt
Maximum temperature:	500°C
Drying time:	
Dust-free	20-30 minutes
Dry to touch	1-2 hours
Deep dry	48 hours
Total polymerization(temperature resistance)	after exposure to 160-180 for ½ an hour

INSTRUCTIONS FOR USE

Before use carefully read the instructions on the can and consult the SDS for safe handling of the product (Sec. 7.1).

Use between 10 and 25 °C on surfaces at the same temperature, in well ventilated environments. Mask the parts not to be treated. Remove residues of rust or paint not anchored. Degrease. Shake the can vigorously for approx. 2 minutes from the moment you feel the mixing balls. Do a spray test on a separate surface. Spray a layer in cross passes, from a distance of 20-25 cm. If necessary repeat the application after about 15 minutes. Dry for about an hour and heat successively at 160-180 °C for ½ an hour to complete the hardening and obtain resistance to high temperatures.

For further information refer to the SDS: labelling (Sec. 2.2), storage (Sec. 7.2) and disposal (Sec. 13).



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EXEMPTION FROM LIABILITY

The information contained in this document is provided to the best of our scientific knowledge. However, they should be regarded as non-binding indications and do not release the consumer from personally carrying out checks on the products as to their compatibility with their intended uses. Colorpack Srl is relieved of any liability if any damage is not link to specific causes attributable to the same Colorpack Srl.

THE LABORATORY/QMS



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