

KAPT A PRIMER

Adhesion primer for space use

Technical data sheet: RS 051

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➤ Coating characteristics

Polymer matrix	➤ Silicone
Pigment	➤ N/A
Solvent	➤ VMS
Density	➤ 0.77 ± 0.05
Solids content	➤ About 5 %
V.O.C.	➤ 730 g / L
Standard thickness	➤ About 1 µm To get a glossy aspect of the film: About 3 wet on wet crossed coats
Theoretical consumption	➤ 15 g / m ² of product @ 1 µm i.e. 0.77 dry g / m ² per dry µm
Surface preparation	➤ <u>On organic films:</u> Dust removal with compressed air, cleaning by rubbing with Forane 141b or equivalent, then acetone. (For further information, please contact us) Any sticking on the paint being absolutely prohibited, the sticking areas must be masked before any paint application.
Filtration	➤ 80 µm nylon filter
Applying conditions	➤ 18 °C ≤ T° ≤ 25 °C 40 % ≤ RH ≤ 60 %
Covering time	➤ 1 h T° @ 20 °C RH @ 50 %

➤ Definition

Adhesion primer for silicone paints and resins.

Aspect : colourless

CNES qualification reports:

➤ DCT/TV/TH/NT08-27898

Paint systems for space use:

➤ KAPT A + MAPATOX 41-B

➤ Application parameters

Ready for use, KAPT A Primer must be mixed thoroughly before use. Apply the part from a good distance, to avoid the formation of drops (about 30 cm between the spray gun and the part).

For information only:

	Small surfaces	Large surfaces
Spray gun :	KREMLIN J4, Nozzle 12, AM head	KREMLIN SKM18 Nozzle 14, N2 head
Output:	1 turn, oval jet	0.75 to 1 turn, oval jet
Pressure:	1 bar	0.8 to 1.2 bar
Vector gas:	Compressed air	Compressed air

➤ Packaging

1 L / 0.5 L / 0.25 L

➤ Storage

Up to 6 months in original unopened packaging @ 20 °C ± 5 °C.

➤ Safety data

Precautions ➤ General precautions in use for the application of paints containing solvents. Flammable product. Never handle near a flame. Store in a fresh and ventilated area.

Labelling ➤ This preparation was classified in compliance with the directives in effect.

Transport ➤ Please refer to our latest safety datasheet.