Specification sheet

Properties:

AKEMI® Exhaust Protection Sprays are one-component paints which are resistant to high temperatures and contain solvents. They are based on silicon resin and use aerosol propellants which are free of CFC. These products are characterized by the following properties:

- resistant to temperatures up to approx. 690° C
- fast drying
- very good covering (hiding) ability
- very good adhesion on metals such as iron, cast iron, steel and aluminium
- weather resistant
- resistant to petrol
- free of lead and chlorofluorocarbon (CFC)
- carwash resistant and resistant to thawing salt

Application areas:

AKEMI® Exhaust Protection Sprays are used for parts which are exposed to high temperatures such as car exhaust systems, engine blocks, stovepipes, grills, chimneys and heating installations.

Instructions for use:

1. The surface to be painted must be cleaned down to the metal, i.e. free of rust, oil and grease, absolutely clean, dry and slightly roughened.
2. Shake the aerosol can well before use (you can hear the mixing balls).
3. Areas which are not to be painted should be masked with tape or protected by paper. The best working temperature is 15 - 25° C.
4. Apply the paint crosswise and thinly in short spraying bursts at a distance of about 25 cm.
5. The layer of paint is dry to the touch after approx. 20 minutes, is resistant to heat and hardens at temperatures above 160° C.

Special notices:

- Use AKEMI®'s "Liquid Glove" in order to protect the hands.
- Do not use at excessive temperatures or in intensive sunlight. In this event, the paint would dry too quickly and not spread properly (blooming).
- If the paint is applied too thickly, adhesion will be reduced and it will peel off.
- When your work is done, it is not necessary to empty the spray nozzle.
- Parts which have been sprayed by mistake can be cleaned with AKEMI® Nitro-Dilution (check the effect in an inconspicuous place).
- To ensure that the can is properly disposed of, empty it completely first.
- If used for some parts, e.g. for exhaust manifolds, catalytic converters or if exposed directly to glowing embers, the maximum temperature which the paint can be exposed to will be exceeded. It can therefore not be recommended for such situations.

Technical specifications:

colour:	black or silver
density:	approx. 0.8 g/cm³
drying:	dry to the touch after approx. 20 minutes
hardening:	approx. 60 minutes at 160° C at the least
coverage:	approx. 1 - 1.5 m² per aerosol can
shelf life:	can be stored for approx. 1 year if kept cool

Safety notices:

Please refer to the EC safety data sheet

Notice:

The above information is based on the latest stage of our development and application technology. Due to a multiplicity of different influencing factors, this information – as well as other oral or written technical advises – must be considered as non-binding hints. The user is obliged in each particular case to conduct performance tests, including but not limited to trails of the product, in an inconspicuous area or fabrication of a sample piece.

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