

Technical Information Heat-resistant Spray



MoTip Heat-Resistant Spray is for treated and untreated surfaces exposed to very high temperatures. It is suitable for use on exhaust pipes, ovens and grills etc. It can be sprayed on bare metal without the need to prime first.

It is available in 6 colour which are heat resistant from 300°C to 800°C.

Quality and properties

- Resistant to high temperatures:
- Black, dark anthracite, silver, white to 800°C
- Red to 300°C
- Good coverage and filling power
- Excellent adhesion
- Good flow, smooth surface
- Fast drying time
- Weatherproof
- Resistant to petrol, chemicals and effects of weather

Physical and chemical data

- **Basis of the binder:** silicone resin
- **Colour:** diverse
- **Smell:** solvent
- **Degree of gloss** (at measurement angle 60° acc. to DIN 67530):
matt: 5-10 gloss units,
by colour silver not measurable, there metallic colour
- **Efficiency:**
Depending on consistence and color of the ground:
400 ml are sufficient for approx. 1.2 m² - 1.75m²
- **Drying time (at 20°C, 50% relative air humidity):**
Dust-dry: after 5-10 minutes
Tack-free: after 10-25 minutes
Temperature-resistant and resilient: after 1 more hour of tempering at approx. 160°C
- **Temperature-resistant:**
black, silver, white, dark anthracite, anthracite: up to 800°C
red: up to 300°C
- **Storage stability:**
Aerosols: 10 years, if appropriate storage provided (=10°-25°C, relative air humidity of max. 60%)
- **Size:**
aerosol can with maximum nominal volume 400 ml

Environment and labelling

Environmentally sound: European Aerosols is committed to apply formulations without restricted or critical ingredients and to achieve best possible performance. The caps and packagings are made of recyclable material.

Disposal: Only the completely emptied cans should be put into the recycling skip or appropriate container for reclaimable refuse. Cans which are not empty should be disposed off as "special refuse".

Marking/Labelling: All products made by European Aerosols comply with the actual labelling regulations according to Preparation Guideline 1999/45/EG. All aerosols correspond to TRGS 200 and TRG 300 as well as to aerosol guideline 75/324/EWG in the actually valid version.

Instruction manuel

Before use, carefully read and observe the warning texts on the label!

Pre-treatment for surface:

- Remove loose paintwork and rust, then sand
- Surface should be clean, dry and free of grease.
- Do not prime! Best results with bare metal.

Painting:

- Cover surface not to be treated with masking tape.
- Shake for 2 minutes before use.
- Spray to test compatibility on an inconspicuous area.
- Spray several thin coats at intervals of 2 minutes.
- Keep a distance of ca. 25-30 cm.
- Best painting results with a surrounding temperature of ca. 20°C.
- No primer necessary. The best results will be achieved on bare metal!
- Leave to dry for 1 hour.
- Heat after ca. 1 hour (160°C) for the lacquer to harden.
- The thinner the coating, the higher the temperature resistance.

Tips for spray painting

Protect the object and the surrounding area from spray mist. When painting small areas it is recommended that a piece of card is used as a mask, with a hole cut in it slightly larger than the area to be sprayed. The mask should be held 1 to 2 cm from the surface. With this method, the mainly part of the spray mist is brought under control. It recommends to mask parts not to be lacquered, to protect the surrounding against the spray mist.

The aerosol can should have room temperature.

Temperature should range between +10°C and +25°C, max. air humidity 60 %.

Store in a dry place. Protect from direct sunlight and other sources of heat. Use only during dry weather, in places protected from the wind, and in well-ventilated rooms. Follow the warning texts on the labels!

Disclaimer of liability

This application-technological information is given to the best of our knowledge. The notes mentioned herein are, however, non-binding and do not exempt you from own tests to see whether the products supplied by us are suitable for your special application. The use and processing is beyond our control and therefore exclusively in the responsibility of the user. European Aerosols is let off the liability, unless the liability-based incident is caused by a fault incurred to European Aerosols.

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