

## Technical Information Heat Resistant Paints



MoTip Heat-resistant Spray can be used to repair surfaces that have been exposed to very high temperatures. Suitable for use on exhaust pipes, ovens, grill etc. They can be sprayed on bare metal. No primer necessary!

The spray is available in 6 colours with heat resistance ranging from 300°C to 800°C.

### Quality and properties

- High temperature resistance: black, dark anthracite, silver, white to 800°C red to 300°C
- Good coverage and filling power
- Excellent adhesion
- Good flow, flat surface
- Fast drying time
- Weatherproof
- After stoving resistant to benzine, chemicals and weather-influences.

### 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 m<sup>2</sup> - 1.75m<sup>2</sup>
- **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 compatible:** 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:** Please mind the residue inside the containers. Completely emptied containers can be used for recycling. If cans are not emptied, they should be disposed off as "special refuse".

*Only for DE: In order to ensure a high reuse and recycling rate, the legislator requires, in accordance with §15 - VerpackG, Paragraph 1, the return of transport, sales or outer packaging, alternatively, however, deviating agreements can also be made.*

**Labelling:** All products of European Aerosols comply with the current status of their labelling regulations. Classification and distinction takes place by the presently legal form of the **Globally Harmonized System of Classification and Labelling of Chemicals** (GHS) or rather by CLP 1272/2008/EG regulations. Our safety data sheets comply with the current form of REACH 1907/2006/EG, article 31 und appendix II,

### Instruction manuel

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

#### Pre-treating surface:

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

#### Painting:

- Cover surface not to be treated with masking tape.
- Shake can for 2 minutes before use.
- Spray to test compatibility on an inconspicuous area.
- Spray several thin layers at intervals of ca. 2 minutes.
- Keep a spraying distance of 25-30 cm.
- Perfect results can be achieved when the surrounding temperature is ca. 20°C.
- No primer necessary. The best results will be achieved on bare metal!
- Leave to dry for 1 hour.
- Once dry, heat for 1 hour (160°C) so that the lacquer coat hardens.
- The thinner the coat, the higher the heat 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**

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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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