# Safety data sheet
**according to UK REACH**

*Printing date 26.06.2026* *Version number 1* *Revision: 26.06.2026*

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

· **1.1 Product identifier**

· **Trade name: MOTIP METAL PUTTY**

· **Article number:** 00086, 00087
· **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
· **Sector of Use**
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
· **Product category** PC9b Fillers, putties, plasters, modelling clay
· **Process category** PROC10 Roller application or brushing
· **Application of the substance / the mixture** Knife filler/ Surfacer

· **1.3 Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
European Aerosols GmbH*
Kurt Vogelsang Strasse 6
D-74855 Haßmersheim
Tel.: +49 (0) 6266 750
e-mail: sds-de@european-aerosols.com

*Formerly known as Motip Dupli GmbH

European Aerosols Ltd.
Wilberforce House
Station Road
London NW4 4QE,
phone no. +44 1223 790332

· **Further information obtainable from:** Department Product Safety
· **1.4 Emergency telephone number:**
Tel.:+49 6266-75-310
Fax +49 6266-75-362
(Mo - Th 08:00 am - 04:00 pm, Fr 08:00 am - 00:30 pm)

Tox Info Suisse 145 (24-h-emergency number)

UK:
Public emergeny phone no: 111
Only for healthcare professionals: 0344 892 0111

Ireland:
Poison center if childs have been poisened: 01 809 2166 (8:00 am - 10:00 pm, 7 days)
Only for healthcare professionals: 01 809 2566 (24 h / 7 days)

## SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Flam. Liq. 3 H226 Flammable liquid and vapour.

(Contd. on page 2)

# Safety data sheet
## according to UK REACH

*Printing date 26.06.2026* *Version number 1* *Revision: 26.06.2026*

***Trade name: MOTIP METAL PUTTY***

(Contd. of page 1)



*GHS08 health hazard*

*Repr. 2* *H361d Suspected of damaging the unborn child.*
*STOT RE 1* *H372 Causes damage to the hearing organs through prolonged or repeated exposure.*



*GHS07*

*Skin Irrit. 2* *H315 Causes skin irritation.*
*Eye Irrit. 2* *H319 Causes serious eye irritation.*

*Aquatic Chronic 3* *H412 Harmful to aquatic life with long lasting effects.*

· ***2.2 Label elements***
· ***Labelling according to Regulation (EC) No 1272/2008***
*The product is classified and labelled according to the GB CLP regulation.*
· ***Hazard pictograms***



GHS02 GHS07 GHS08

· ***Signal word*** *Danger*

· ***Hazard-determining components of labelling:***
*styrene*
· ***Hazard statements***
*H226 Flammable liquid and vapour.*
*H315 Causes skin irritation.*
*H319 Causes serious eye irritation.*
*H361d Suspected of damaging the unborn child.*
*H372 Causes damage to the hearing organs through prolonged or repeated exposure.*
*H412 Harmful to aquatic life with long lasting effects.*
· ***Precautionary statements***
*P101 If medical advice is needed, have product container or label at hand.*
*P102 Keep out of reach of children.*
*P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.*
*P235 Keep cool.*
*P271 Use only outdoors or in a well-ventilated area.*
*P280 Wear protective gloves / eye protection.*
*P314 Get medical advice/attention if you feel unwell.*
*P405 Store locked up.*
*P501 Dispose of contents / container in accordance with regional regulations.*
· ***2.3 Other hazards***
· ***Results of PBT and vPvB assessment***
· ***PBT:*** *Not applicable*
· ***vPvB:*** *Not applicable*

## *SECTION 3: Composition/information on ingredients*

· ***3.2 Mixtures***
· ***Description:*** *Mixture of substances listed below with nonhazardous additions.*

(Contd. on page 3)

# Safety data sheet
## according to UK REACH

Printing date 26.06.2026 Version number 1 Revision: 26.06.2026

**Trade name: MOTIP METAL PUTTY**

(Contd. of page 2)

· **Dangerous components:**

| | | |
|---|---|---|
| CAS: 100-42-5<br>EINECS: 202-851-5<br>Index number: 601-026-00-0<br>Reg.nr.: 01-2119457861-32 | styrene<br>Flam. Liq. 3, H226<br>Repr. 2, H361d; STOT RE 1, H372; Asp. Tox. 1, H304<br>Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335<br>Aquatic Chronic 3, H412 | 10-<12.5% |
| CAS: 12001-26-2 | Mica<br>substance with a Community workplace exposure limit | 2.5-<5% |
| CAS: 7779-90-0<br>EINECS: 231-944-3<br>Index number: 030-011-00-6<br>Reg.nr.: 01-2119485044-40 | trizinc bis(orthophosphate)<br>Aquatic Acute 1, H400; Aquatic Chronic 1, H410 | ≥0.25-<2.5% |
| CAS: 130-15-4<br>EINECS: 204-977-6<br>Reg.nr.: 01-2120760462-57 | 1,4-naphthoquinone<br>Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 1, H330<br>Skin Corr. 1, H314; Eye Dam. 1, H318<br>Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1)<br>Skin Sens. 1, H317; STOT SE 3, H335 | <0.025% |

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

· **4.1 Description of first aid measures**
· **General information:**
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
· **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
· **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.
· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
· **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

## SECTION 5: Firefighting measures

· **5.1 Extinguishing media**
· **Suitable extinguishing agents:**
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· **For safety reasons unsuitable extinguishing agents:** Water with full jet
· **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
No further relevant information available.
· **5.3 Advice for firefighters** -
· **Protective equipment:** No special measures required.

## SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources.

(Contd. on page 4)

# Safety data sheet
## according to UK REACH



**Trade name: MOTIP METAL PUTTY**

(Contd. of page 3)

· **6.2 Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
· **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
· **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

## SECTION 7: Handling and storage

· **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
· **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

· **7.2 Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:** No special requirements.
· **Information about storage in one common storage facility:** Not required
· **Further information about storage conditions:** Keep container tightly sealed.
· **Storage class:** 3
· **7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

| · **Ingredients with limit values that require monitoring at the workplace:** | |
|---|---|
| **100-42-5 styrene** | |
| WEL | Short-term value: 1080 mg/m³, 250 ppm<br>Long-term value: 430 mg/m³, 100 ppm |
| **12001-26-2 Mica** | |
| WEL | Long-term value: 10* 0.8** mg/m³<br>*total inhalable **respirable |

| · **Ingredients with biological limit values:** | |
|---|---|
| **130-15-4 1,4-naphthoquinone** | |
| BMGV | 4 µmol/mol creatinine<br>Medium: urine<br>Sampling time: post shift<br>Parameter: 1-hydroxypyrene |

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**
· **Appropriate engineering controls** No further data; see section 7.
· **Individual protection measures, such as personal protective equipment**
· **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes and skin.
Avoid contact with the eyes.

(Contd. on page 5)

# Safety data sheet
## according to UK REACH



(Contd. of page 4)

· **Respiratory protection:**



*In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.*

*Filter A2/P3*

· **Hand protection**



*Protective gloves*

· **Material of gloves**
*Butyl rubber, BR*
*The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.*

· **Penetration time of glove material**
*Butyl rubber gloves with a thickness of 0.4 mm are resistant to:*
*Acetone: 480 min*
*Butyl acetate: 60 min*
*Ethyl acetate: 170 min*
*Xylene: 42 min*
*Butyl rubber gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective measure, we recommend that users and responsible persons for work safety assume solvent resistance length of 42 minutes. Considering the data in section 3 of this SDS, one can assume longer resistance length in particular cases.*

· **Eye/face protection**



*Tightly sealed goggles*

## SECTION 9: Physical and chemical properties

| | |
|---|---|
| · **9.1 Information on basic physical and chemical properties** | |
| · **General Information** | |
| · **Physical state** | *Liquid* |
| · **Colour:** | *Silver grey* |
| · **Odour:** | *Characteristic* |
| · **Odour threshold:** | *Not determined* |
| · **Melting point/freezing point:** | *Undetermined* |
| · **Boiling point or initial boiling point and boiling range** | *145.2 °C (293.4 °F) (100-42-5 styrene)* |
| · **Flammability** | *Flammable.* |
| · **Lower and upper explosion limit** | |
| · **Lower:** | *1.2 Vol % (100-42-5 styrene)* |
| · **Upper:** | *8.9 Vol % (100-42-5 styrene)* |
| · **Flash point:** | *31 °C (87.8 °F) (100-42-5 styrene)* |
| · **Auto-ignition temperature:** | *480 °C (896 °F) (100-42-5 styrene)* |
| · **Decomposition temperature:** | *Not determined* |
| · **pH** | *Mixture is non-soluble (in water).* |
| · **Viscosity:** | |
| · **Kinematic viscosity at 40 °C (104 °F)** | *>20.5 mm²/s* |
| · **Dynamic:** | *Not determined* |
| · **Solubility** | |
| · **water:** | *Not miscible or difficult to mix.* |

(Contd. on page 6)

# Safety data sheet
## according to UK REACH

Printing date 26.06.2026 Version number 1 Revision: 26.06.2026

**Trade name: MOTIP METAL PUTTY**

(Contd. of page 5)

| | |
|---|---|
| · **Partition coefficient n-octanol/water (log value)** | Not determined |
| · **Vapour pressure at 20 °C (68 °F):** | 6 hPa (4.5 mm Hg) (100-42-5 styrene) |
| · **Vapour pressure at 50 °C (122 °F):** | 35 hPa (26.3 mm Hg) |
| · **Density and/or relative density** | |
| · **Density at 20 °C (68 °F):** | 2 g/cm³ (16.7 lbs/gal) |
| · **Relative density** | Not determined |
| · **Vapour density** | Not determined |

| | |
|---|---|
| · **9.2 Other information** | |
| · **Appearance:** | |
| · **Form:** | Pasty |
| · **Important information on protection of health and environment, and on safety.** | |
| · **Explosive properties:** | Product is not explosive. However, formation of explosive air/vapour mixtures are possible. |
| · **Solvent content:** | |
| · **VOC (EC)** | ---<br>226.1 g/l |
| · **VOC-EU%** | 11.25 % |
| · **Solids content:** | 88.8 % |
| · **Change in condition** | |
| · **Evaporation rate** | Not determined |

| | |
|---|---|
| · **Information with regard to physical hazard classes** | |
| · **Explosives** | Void |
| · **Flammable gases** | Void |
| · **Aerosols** | Void |
| · **Oxidising gases** | Void |
| · **Gases under pressure** | Void |
| · **Flammable liquids** | Flammable liquid and vapour. |
| · **Flammable solids** | Void |
| · **Self-reactive substances and mixtures** | Void |
| · **Pyrophoric liquids** | Void |
| · **Pyrophoric solids** | Void |
| · **Self-heating substances and mixtures** | Void |
| · **Substances and mixtures, which emit flammable gases in contact with water** | Void |
| · **Oxidising liquids** | Void |
| · **Oxidising solids** | Void |
| · **Organic peroxides** | Void |
| · **Corrosive to metals** | Void |
| · **Desensitised explosives** | Void |

## SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.
· **10.2 Chemical stability**
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **10.3 Possibility of hazardous reactions** No dangerous reactions known.
· **10.4 Conditions to avoid** No further relevant information available.
· **10.5 Incompatible materials:** No further relevant information available.
· **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

## SECTION 11: Toxicological information

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
· **Acute toxicity** Based on available data, the classification criteria are not met.

(Contd. on page 7)

# Safety data sheet
## according to UK REACH

Printing date 26.06.2026 Version number 1 Revision: 26.06.2026

**Trade name: MOTIP METAL PUTTY**

(Contd. of page 6)

· **LD/LC50 values relevant for classification:**

| **100-42-5 styrene** | | |
|---|---|---|
| Oral | LD50 | 5000 mg/kg (rat) |
| Dermal | LD50 | >2000 mg/kg (rat) (OECD 402) |
| Inhalative | LC50 / 4h | 11.8 mg/l (rat) |

· **Primary irritant effect:**
· **Skin corrosion/irritation** Causes skin irritation.
· **Serious eye damage/irritation** Causes serious eye irritation.
· **Respiratory or skin sensitisation** No sensitising effects known.
· **Reproductive toxicity** Suspected of damaging the unborn child.
· **STOT-repeated exposure** Causes damage to the hearing organs through prolonged or repeated exposure.
· **11.2 Information on other hazards**

· **Endocrine disrupting properties**
None of the ingredients is listed.

## SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

| **7779-90-0 trizinc bis(orthophosphate)** | |
|---|---|
| EC50 / 48 h | 0.33 mg/l (crustaceans) |
| LC50 / 96 h | 0.37 mg/l (fish) |

· **12.2 Persistence and degradability** No further relevant information available.
· **12.3 Bioaccumulative potential** No further relevant information available.
· **12.4 Mobility in soil** No further relevant information available.
· **12.5 Results of PBT and vPvB assessment**
· **PBT:** Not applicable
· **vPvB:** Not applicable
· **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
· **12.7 Other adverse effects**
· **Remark:** Harmful to fish
· **Additional ecological information:**
· **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Harmful to aquatic organisms

## SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**
· **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**
· **Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

· **14.1 UN number or ID number**
· **ADR, IMDG, IATA** UN3269

(Contd. on page 8)

# Safety data sheet
## according to UK REACH



**Trade name: MOTIP METAL PUTTY**

(Contd. of page 7)

| | |
|---|---|
| · **14.2 UN proper shipping name** | |
| · **ADR** | 3269 POLYESTER RESIN KIT |
| · **IMDG, IATA** | POLYESTER RESIN KIT |
| · **14.3 Transport hazard class(es)** | |
| · **ADR** | |
|  | |
| · **Class** | 3 (F1) Flammable liquids. |
| · **Label** | 3 |
| · **IMDG, IATA** | |
|  | |
| · **Class** | 3 Flammable liquids. |
| · **Label** | 3 |
| · **14.4 Packing group** | |
| · **ADR, IMDG, IATA** | III |
| · **14.5 Environmental hazards:** | Not applicable |
| · **14.6 Special precautions for user** | Warning: Flammable liquids. |
| · **Hazard identification number (Kemler code):** | - |
| · **EMS Number:** | F-E,S-D |
| · **Stowage Category** | A |
| · **14.7 Maritime transport in bulk according to IMO instruments** | Not applicable |
| · **Transport/Additional information:** | |
| · **ADR** | |
| · **Limited quantities (LQ)** | 5L |
| · **Excepted quantities (EQ)** | Code: See |
| · **Transport category** | 3 |
| · **Tunnel restriction code** | E |
| · **IMDG** | |
| · **Limited quantities (LQ)** | 5L |
| · **Excepted quantities (EQ)** | Code: See SP340 |
| · **UN "Model Regulation":** | UN 3269 POLYESTER RESIN KIT, 3, III |

## SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **Poisons Act**

· **Regulated explosives precursors**

None of the ingredients is listed.

· **Regulated poisons**

None of the ingredients is listed.

· **Reportable explosives precursors**

None of the ingredients is listed.

(Contd. on page 9)

# Safety data sheet
## according to UK REACH



**Trade name: MOTIP METAL PUTTY**

(Contd. of page 8)

· **Reportable poisons**

None of the ingredients is listed.

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.
· **Seveso category** P5c FLAMMABLE LIQUIDS
· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5000 t
· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50000 t
· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**
H226 Flammable liquid and vapour.
H301 Toxic if swallowed.
H304 May be fatal if swallowed and enters airways.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H330 Fatal if inhaled.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H361d Suspected of damaging the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
· **Classification according to Regulation (EC) No 1272/2008**
Data is based on internal technical data and technical data from suppliers.
· **Abbreviations and acronyms:**
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 1: Acute toxicity – Category 1
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1: Skin corrosion/irritation – Category 1
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
Repr. 2: Reproductive toxicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3