

# MATERIAL SAFETY DATA SHEET

## 1. Identification of the substance/preparation and of the company/undertaking. Product details

Aluminium Paste  
MSDS number: 001

Application of the substance / the preparation : Pigment ·

## 2.Composition/information on ingredients

Description: Mixture of substances listed below with non hazardous additions. ·components:

CAS: 7429-90-5	Aluminium powder,coated	60%-80%
CAS: 64742-94-5	HA(High boling point aromatic hydrocarbon)	20-40%

## 3.Hazards identification

Health Hazards: No specific hazards under normal use conditions  
Safety Hazards: Not classified as flammable but will burn

## 4.First-aid measures

·General information:

Take affected persons out into the fresh air.

Take affected persons out of danger area and lay down.

·After inhalation: Supply fresh air; consult doctor in case of complaints.

·After skin contact:

Immediately wash with water and soap and rinse thoroughly. Generally the product does not irritate the skin.

·After eye contact: Rinse opened eye for several minutes under running water.

·After swallowing: Induce vomiting; call for medical help immediately.

## 5.Fire-fighting measures

·Suitable extinguishing agents:

Special powder for metal fires.Dry sand. Do not use water.

·For safety reasons unsuitable extinguishing agents: Water,Carbondioxide

·Protective equipment: Wear fully protective suit.

## 6. Accidental release measures

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·Person-related safety precautions:

Wear protective equipment. Keep unprotected persons away. Accidental release measures Remove persons from danger area.

Keep away from ignition sources. Avoid formation of dust.

·Measures for environmental protection: Do not allow to enter sewers/ surface or ground water.

·Measures for cleaning/collecting: Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

## **7. Handling and storage**

### **Handling:**

·Information for safe handling:

Keep receptacles tightly sealed

Store in cool dry place in tightly closed receptacles.

### **Storage:**

Information about storage in one common storage facility: Store away from flammable substances.

## **8. Exposure control /personal protection**

Ingredients with limit values that require monitoring at the workplace: Aluminium powder:stabilized

OES Long-term value:4mg/m<sup>3</sup> ·Personal protective equipment:

·General protective and hygienic measures:

Wash hands before breaks and at the end of work.

Do not eat, drink, smoke or sniff while working. Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

·Respiratory protection: Suitable respiratory protective device

recommended. ·Protection of hands:

Solvent resistant gloves

Preventive skin protection by use of skin-protecting agents is recommended. Prior to contact with the waterinsoluble substance / product / preparation apply watersoluble skin-protecting agent (fat-free film former or O/W-emulsions).

·Material of gloves

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.

As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

<p>-Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.</p> <ul style="list-style-type: none"> <li>·Eye protection: Safety glasses</li> <li>·Body protection: Protective work clothing</li> </ul>
<p><b>9.General Information</b></p>
<p>Form: Pasty  Colour: Silver-coloured  Odour: Characteristic  Change in condition  Melting point/Melting range: Undetermined.  Boiling point/Boiling range: 205°C  ·Flash point: ≥60°C  ·Ignition temperature:240°C Self-igniting:Product is not selfigniting.  ·Danger of explosion:Product is not explosive.  ·Vapour pressure at 20°C 5 hPa  ·Density:1.3 - 2.0 g/cm<sup>3</sup>  ·Solubility in / Miscibility with water:Insoluble.</p>
<p><b>10.Stability and reactivity</b></p>
<ul style="list-style-type: none"> <li>·Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications. No decomposition if used and stored according to specifications.</li> <li>·Dangerous reactions Reacts with acids, alkalis and oxidizing agents.</li> </ul>
<p><b>11.Ecological information</b></p>
<ul style="list-style-type: none"> <li>·General notes: Water hazard (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system.</li> </ul>
<p><b>12.Disposal considerations</b></p>
<ul style="list-style-type: none"> <li>·Product:</li> <li>·Recommendation  Must not be disposed together with household garbage. Do not allow product to reach sewage system.</li> <li>·Uncleaned packaging:</li> <li>·Recommendation: Disposal must be made according to official regulations.</li> </ul>
<p><b>13.Toxicological information</b></p>

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Primary irritant effect:

Sensitization: No sensitizing effects known.

Additional toxicological information:

Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc

#### **14. Transport information**

NOT HAZARDOUS FOR TRANSPORT.

Identification: Not applicable

Special Provisions For Transport: Not available

#### **15. Regulatory information**

·Regulatory Lists: EINECS: This product is on the European Inventory of Existing Commercial Chemical

·Safety phrases:

7/8 Keep container tightly closed and dry.

43 In case of fire, use dry sand. Never use water.

#### **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

Department issuing MSDS: Technology Dep.

Reviewed on: 2016/07/08