



# Material Safety Data Sheet

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## 1. Identification of the substance/mixture and of the company/undertaking

<b>Product:</b>	Thixotropic agent
<b>Manufacturer:</b>	Conrad Electronic SE
<b>Address:</b>	Klaus-Conrad-Str. 1, D-92240 Hirschau
<b>Telephone:</b>	+49 (0) 9604 / 40 - 8988
<b>Date:</b>	13.09.2019

### 1.1. Product identifier

Thixotropic agent

CAS No: 112945-52-5

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

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## 2. Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This substance is not classified as hazardous according to Regulation (EC) No. 1272/2008.

### 2.2. Label elements

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## 3. Composition/information on ingredients

### 3.1. Substances

Hazardous components

CAS No.	Chemical name			Quantity
	EC No.	Index No.	REACH No.	
	Einstufung gemäß Verordnung (EG) Nr. 1272/2008 [CLP]			
112945-52-5	Synthetic, amorphous, pyrogenic silicic acid			> 99,9 %



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### **4. First aid measures**

#### **4.1. Description of first aid measures**

##### **After inhalation**

Remove to fresh air Consult a doctor when complaints persist.

##### **After contact with skin**

Washing places concerned with a lot of water and soap. If the symptom doesn't stop, consult doctor.

##### **After ingestion**

Do NOT induce vomiting. Rinse mouth with water, drink water immediately and seek medical advice.

#### **4.3. Indication of any immediate medical attention and special treatment needed**

Provide symptomatic treatment.

### **5. Firefighting measures**

#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

#### **5.2. Special hazards arising from the substance or mixture**

Product is not flammable and does not spread the flames.

#### **5.3. Advice for firefighters**

Wear breathing apparatus without recirculating air and suitable protective clothing.

### **6. Accidental release measures**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition. Provide adequate ventilation. Wearing a personal protective clothing.

#### **6.2. Environmental precautions**

No special measures are necessary.

#### **6.3. Methods and material for containment and cleaning up**

Soak up immediately. Use suitable vacuum cleaner. Don't use a brush or compressed air to prevent the raise of dust. Dispose in correct labeled vessel.



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### **7. Handling and storage**

#### **7.1. Precautions for safe handling**

##### **Further information on handling**

Avoid contact with skin and eyes. Store product in sealed receptacles. Do not breathe dust. Provide adequate ventilation/vapour extraction at the workplace. Don't use a brush or compressed air to prevent the raise of dust.

Take precautionary measures against static discharge. All machineparts out of metal must be earthed.

#### **7.2. Conditions for safe storage, including any incompatibilities**

##### **Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place.

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

#### **8.1. Control parameters**

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#### **8.2. Exposure controls**

##### **Appropriate engineering controls**

TRGS 900 4 mg/m<sup>3</sup>, TWA, einatembarer Staubanteil (a)

##### **Eye/face protection**

Wear goggles.

##### **Hand protection**

Apply protective skin cream. Wear protective gloves.

##### **Skin protection**

Wear protective clothing.

##### **Respiratory protection**

Not necessary when the room is well ventilated.



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### **9. Physical and chemical properties**

#### **9.1. Information on basic physical and chemical properties**

Physical state:	Powder
Colour:	white
Odour:	odourless
pH-Value:	3,6 - 4,5

#### **Changes in the physical state**

Melting point:	1700 °C
Initial boiling point and boiling range:	2230 °C
Density (at 20 °C):	2,2 g/cm <sup>3</sup>
Water solubility:	insoluble

### **10. Stability and reactivity**

#### **10.4. Conditions to avoid**

Keep away from heat and ignition sources.

### **11. Toxicological information**

#### **11.1. Information on toxicological effects**

##### **Acute toxicity**

oral LD50: rat => 5000 mg/kg

LD50: rabbit => 2000 mg/kg

### **12. Ecological information**

#### **12.1. Toxicity**

OECD 203 fish ECO (96 Stunden) > 10,000 mg/l

OECD 202 daphna magna ECO (24 Stunden) > 10,000 mg/l

### **13. Disposal considerations**

#### **13.1. Waste treatment methods**

##### **Advice on disposal**

Transfer to a disposal receptacle complying with the local/national legal provisions.



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### **14. Transport information**

**Land transport (ADR/RID)**

**Other applicable information (land transport)**

Not restricted

**Marine transport (IMDG)**

**Other applicable information (marine transport)**

Not restricted

**Air transport (ICAO)**

**Other applicable information (air transport)**

Not restricted

### **15. Regulatory information**

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

**National regulatory information**

Water contaminating class (D): - - not water contaminating

### **16. Other information**

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