

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Thixotropic agent

Print date: 13.09.2016

Product code: 210120

Page 1 of 4

SECTION 1: Identification of the substance/mixture and of the company/undertaking**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**1.3. Details of the supplier of the safety data sheet**

Company name: R&G Faserverbundwerkstoffe GmbH

Composite Technology

Street: Im Meißel 7 - 13

Place: D-71111 Waldenbuch

Post-office box: 1145

D-71107 Waldenbuch

Telephone: +49 (0)7157 5304-60

Telefax: +49 (0)7157 5304-70

e-mail: info@r-g.de

Internet: www.r-g.de

Responsible Department: Management

1.4. Emergency telephone number: Vergiftungs-Informationen-Zentrale Freiburg
Tel: +49 (0)761 19240

SECTION 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**SECTION 3: Composition/information on ingredients****3.1. Substances****Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
112945-52-5	Synthetic, amorphous, pyrogenic silicic acid			> 99,9 %

Full text of H and EUH statements: see section 16.

SECTION 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

Safety Data Sheet

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Thixotropic agent

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Product code: 210120

Page 2 of 4

Provide symptomatic treatment.

SECTION 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.

SECTION 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.

SECTION 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.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.2. Exposure controls****Appropriate engineering controls**TRGS 900 4 mg/m³, 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.

Safety Data Sheet

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Thixotropic agent

Print date: 13.09.2016

Product code: 210120

Page 3 of 4

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Powder
Colour:	white
Odour:	odourless

Test method

pH-Value:	3,6 - 4,5
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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 ³
Water solubility:	insoluble

SECTION 10: Stability and reactivity**10.4. Conditions to avoid**

Keep away from heat and ignition sources.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

oral LD50: rat => 5000 mg/kg
 LD50: rabbit => 2000 mg/kg

SECTION 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

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

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

SECTION 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

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Page 4 of 4

SECTION 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

SECTION 16: Other information