according to Regulation (EC) No 1907/2006

Silicone M 4470 (heat resistant)

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

1.1. Product identifier

Silicone M 4470 (heat resistant)

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

<u>1.4. Emergency telephone</u> Vergiftungs-Informations-Zentrale Freiburg

<u>number:</u> Tel: +49 (0)761 19240

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

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

2.2. Label elements

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
238-878-4	Quartz	<50 %
14808-60-7	Xn - Harmful R48/20	
	STOT RE 2; H373	

Full text of R-, H- and EUH-phrases: see section 16.

Further Information

Quartz: This ingredient does not result in classification, because of the physical nature of the material is not given an inhalation risk.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

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After inhalation

Normally the product cannot be breathed in.

After contact with skin

Remove excess material with cloth or paper mechanically. After contact with skin, wash immediately with plenty of water and soap. Consult a doctor when there are visible signs of change on the skin or other complaints (if possible present the label or safety data sheet).

After contact with eyes

Immediately rinse with copious amounts of water. Consult a doctor when irritation persists.

After ingestion

Let water be drunken in little sips (dilution effect). Do NOT induce vomiting.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray. Extinguishing powder. alcohol resistant foam. Carbon dioxide (CO2). Sand.

Unsuitable extinguishing media

jet of water

5.3. Advice for firefighters

Wear breathing apparatus with own air supply.

SECTION 6: Accidental release measures

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

To prevent stubborn deposits strew sand or bleaching earth on the surface, and remove the material with a mechanical means. Sweep or scrape up spilled material, collecting it in a special receptacle for chemical waste. Remove any residual loose lining with detergent/soap solution or another biodegradable cleaning agent. To improve grip, apply sand or other inert, grainy materials.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

Further information on storage conditions

Keep receptacles tightly sealed. Minimal temperature at storage and transportation: 0° degrees Celsius

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures

Do not eat or drink during work. Observe the general hygiene measures when handling chemical substances.

Eye/face protection

Wear goggles.

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Hand protection

Protective gloves made of butyl rubber. Gloves suitable for up to 60 minutes The choice of a suitable glove is not only on the material depending but also on further quality characteristics depending and of manufacturer different to manufacturer. Please notice information from the glove supplier with respect to the permeability and by break time.

Environmental exposure controls

Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Paste
Colour: red
Odour: odourless

Test method

Changes in the physical state

Flash point: > 250 °C DIN 51376

Ignition temperature: > 450 °C

Density (at 20 °C): 1,44 g/cm³ DIN 53479

Water solubility: virtually insoluble
Viscosity / dynamic: 15000 mPa·s

(at 23 °C)

9.2. Other information

Thermal decomposition > 200° degrees Celsius

SECTION 10: Stability and reactivity

10.1. Reactivity

Known case of appropriate storage and handling of dangerous reactions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Additional information on tests

oral LD50: >2000 mg/kg Rat Analogical reasoning

LD50: >2000 mg/kg Rat Analogical reasoning

SECTION 12: Ecological information

12.1. Toxicity

Judgement in Analogiezu a similar product. There is not for a detrimental effect on water organisms a good chance. After present experience to not expect any lasting influences into sewage plants.

12.2. Persistence and degradability

not biodegrable

12.3. Bioaccumulative potential

bioaccumulation improbable

12.4. Mobility in soil

insoluble in water

according to Regulation (EC) No 1907/2006

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

SECTION 14: Transport information

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

SECTION 15: Regulatory information

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

EU regulatory information

Additional information

Observe the local government provisions.

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Relevant R-phrases (Number and full text)

48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Relevant H- and EUH-phrases (Number and full text)

H373 May cause damage to organs through prolonged or repeated exposure.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

GB - EN Revision date: 18.11.2014