

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Quartz flour

Print date: 05.02.2013

Product code: 210155-GHS-2013

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

Identification of the substance or mixture

Quartz flour

Further trade names

Quartz flour

Company/undertaking identification

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: +49-7157-530460
Telefax: +49-7157-530470

e-mail: info@r-g.de
Internet: www.r-g.de

Responsible Department: Management

1.4. Emergency telephone number: poison information centre

2. Hazards identification

Classification

Indications of danger: Harmful

R phrases:

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

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

3. Composition/information on ingredients

Chemical characterization (substance)

Hazardous components

EC No	CAS No	Chemical name	Quantity
		Classification	
238-878-4	14808-60-7	Quartz	95 - 100 %
		Xn - Harmful R48/20	

Full text of R and H phrases: see Section 16.

4. First aid measures

After contact with skin

No special measures are necessary.

After contact with eyes

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

After ingestion

No special measures necessary

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Advice to doctor

No special measures necessary

5. Fire-fighting measures

Suitable extinguishing media

All conventional extinguishing agents are suitable.

Special exposure hazards arising from substance or mixture itself, combustion products, resulting gases

The product itself does not burn.

Special protective equipment for fire-fighters

No special measures necessary

6. Accidental release measures

Personal precautions

Avoid generation of dust. Wear protective clothing.

6.2. Environmental precautions

No special measures necessary

7. Handling and storage

Handling

Advice on safe handling

Avoid generation of dust. Provide adequate room ventilation, if necessary with vapour extraction at the workplace. In case of insufficient ventilation, wear suitable respiratory equipment. When using do not eat, drink or smoke. after work and before breaks for thorough skin cleansing.

Storage

8. Exposure controls/personal protection

Exposure limit values

8.2. Exposure controls

Occupational exposure controls

Ensure adequate ventilation in the workplace. Suitable respiratory equipment must be worn when the workplace thresholds are exceeded.

Respiratory protection

Respirators - only if control limits are exceeded and processing conditions require it (poor ventilation, copious abrasion-induced fine dust).

Hand protection

Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

9. Physical and chemical properties

General information

Physical state:	solid
Colour:	yellowish
Odour:	odourless

Important health, safety and environmental information

pH-Value (at 20 °C):

Test method

5-8

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Changes in the physical state

Melting point: 1610 °C
Density (at 20 °C): 2-3 g/cm³
Water solubility: insoluble in water

10. Stability and reactivity

11. Toxicological information

12. Ecological information

Ecotoxicity

not relevant

12.2. Persistence and degradability

not relevant

12.3. Bioaccumulative potential

not relevant

13. Disposal considerations

14. Transport information

15. Regulatory information

Labelling

GHS labelling

EU regulatory information

Additional information

not hazardous

National regulatory information

16. Other information

Full text of R phrases referred to under Sections 2 and 3

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