

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006

## Silicone ELASTOSIL (M 4440)

Print date: 16.04.2011

Product code: 415121-2011

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

#### Identification of the substance or mixture

Silicone ELASTOSIL (M 4440)

#### 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  
Emergency telephone: poison information centre

### 2. Hazards identification

#### Classification

This mixture is not classified as dangerous according to Directive 1999/45/EC.

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

### 3. Composition/information on ingredients

#### Chemical characterization ( Mixture )

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

#### Hazardous components

EC No.	CAS No.	Chemical name	Quantity
		Classification	
		GHS classification	
239-487-1	15468-32-3	Tridymite	< 40 %
		Xn R48/20	
238-455-4	14464-46-1	Cristobalite	< 40 %
		Xn R48/20	
238-878-4	14808-60-7	Quartz	< 40 %
		Xn R48/20	

Full text of R- and H-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.

### 4. First aid measures

#### General information

In case of accident or if you feel unwell, seek medical advice immediately (show this label if possible).

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### After inhalation

Normally the product cannot be breathed in.

### After contact with skin

Wash with plenty of water or soap and water. 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 swallowed in little sips (dilution effect). Do not induce vomiting.

## 5. Fire-fighting measures

### Suitable extinguishing media

Water fog. Extinguishing powder. alcohol resistant foam. Carbon dioxide. Sand.

### Extinguishing media which must not be used for safety reasons

jet of water

### Special protective equipment for fire-fighters

Wear breathing apparatus with own air supply.

## 6. Accidental release measures

### Environmental precautions

Do not discharge into drains, surface or groundwater.

### Methods for cleaning up/taking 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.

## 7. Handling and storage

### Handling

### Storage

#### Further information on storage conditions

Keep receptacles tightly sealed.

## 8. Exposure controls/personal protection

### Exposure limit values

### Exposure controls

#### Protective and hygiene measures

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

#### Hand protection

Recommendation: Protective gloves made of butyl rubber. Gloves suitable for up to 60 minutes

#### Eye protection

Recommendation: Wear goggles.

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### 9. Physical and chemical properties

#### General information

Physical state:	Paste
Colour:	light grey
Odour:	odourless

#### Important health, safety and environmental information

Test method

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

Flash point:	> 250 °C
Density (at 23 °C):	1,25 g/cm <sup>3</sup>
Water solubility:	virtually insoluble
Viscosity / dynamic: (at 23 °C)	25000 mPa·s

#### Other information

Ignition temperature:	> 450 °C
thermal decomposition at:	> 200 °C

### 10. Stability and reactivity

#### **Further information**

Known case of appropriate storage and handling of dangerous reactions.

### 11. Toxicological information

#### **Further information**

After the present experience, physiologically compatible. After the present experience, neither mutagenic carcinogenic nor teratogenic.

### 12. Ecological information

#### **Ecotoxicity**

According to past experience toxicity to fish is not expected. Behaviour in sewage treatment plants (bacteria toxicity: respiratory inhibition): According to present knowledge no adverse effects on sewage treatment plants.

#### **Persistence and degradability**

not biodegradable

#### **Bioaccumulative potential**

bioaccumulation improbable

#### **Further information**

vulcanised state insoluble in water through filtration easily separable from water

### 13. Disposal considerations

### 14. Transport information

#### Land transport (ADR/RID)

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### Other applicable information (land transport)

Not restricted

### Marine transport

#### Other applicable information (marine transport)

Not restricted

### Air transport

#### Other applicable information (air transport)

Not restricted

## 15. Regulatory information

### Labelling

#### GHS labelling

##### Special labelling of certain mixtures

Contains epoxy constituents. May produce an allergic reaction.

#### National regulatory information

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

## 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.

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