

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Silicone rubber M 4601 B (415133-X)

Print date: 22.12.2014

Product code: B415133

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

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1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

pourable addition-curing high-extensibility double-constituent silicone rubber Industrial:

Uses advised against

There is no data available on the product. Do not allow water or sewage system.

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-Informations-Zentrale Freiburg
Tel: +49 (0)761 19240

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

There is no obligatory labelling requirement according to the regulations covering preparations 1999/45/EC.

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**Additional advice on labelling**

not classified as dangerous under the hazardous substances laws (GefStoffV)/EC Directives

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

polydimethyl siloxane with functional groups, auxiliaries for addition curing

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).

After inhalation

Provide fresh air.

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After contact with skin

Remove mechanically (e.g. dab away using wadding or cellulose material) then thoroughly wash the affected skin with a mild cleansing agent 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 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

Water spray. High power water jet.

5.3. Advice for firefighters

Wear breathing apparatus with own air supply.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep unprotected persons at a safe distance. Wear personal protection equipment. Special skid risk by leaking/spilling product.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Seal off leakage at the source if this is possible without risk.

6.3. Methods and material for containment and cleaning up

Methods of cleaning - small amounts of spilled material: Suitable material for taking up: Kieselguhr.
Methods of cleaning - large amounts of spilled material: Liquids can be removed with pneumatic or properly configured suction equipment or pumps. Use vented container receptacles. 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

Advice on safe handling

Stir well before use.

Special skid risk by leaking/spilling product.

7.2. Conditions for safe storage, including any incompatibilities

Further information on storage conditions

Keep in well sealed receptacles at a cool, dry location. Ventilate adequately storage and work rooms.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

unknown

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8.2. Exposure controls**Protective and hygiene measures**

When using do not eat, drink, smoke or sneeze. Wash hands before breaks and after work.

Eye/face protection

Wear goggles.

Hand protection

Wear protective gloves.

Suitable material: Butyl rubber. NBR (Nitrile rubber)

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 let the product enter the groundwater, open water, or the sewerage system.

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

Physical state:	liquid
Colour:	reddish brown
Odour:	odourless

Test method**Changes in the physical state**

Point of decomposition::	> 200 °C	
Flash point:	> 300 °C	ISO 2592
Ignition temperature:	> 450 °C	DIN 51794
Density (at 20 °C):	bei 1013 hPa	1,01 g/cm ³ DIN 51757
Water solubility: (at 20 °C)	virtually insoluble	
Viscosity / dynamic: (at 20 °C)	800 mPa·s	BROOKFIELD

SECTION 10: Stability and reactivity**10.1. Reactivity**

Known case of appropriate storage and handling of dangerous reactions.

10.2. Chemical stability

Known case of appropriate storage and handling of dangerous reactions.

10.3. Possibility of hazardous reactions

Known case of appropriate storage and handling of dangerous reactions.

10.4. Conditions to avoid

Stabile under the specified storage conditions.

10.6. Hazardous decomposition products

Measurements have shown that oxidative decomposition at temperatures greater than about 150 °C releases a small quantity of formaldehyde.

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

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Acute toxicity

According to our knowledge no harm is expected when the product is handled properly.

Additional information on tests

No damaging effects when the product is handled properly.

SECTION 12: Ecological information**12.1. Toxicity**

Assessment based on physicochemical properties: No damaging effects can be expected on aquatic organisms.

12.2. Persistence and degradability

not biodegradable separation through sedimentation

12.3. Bioaccumulative potential

bioaccumulation improbable

12.4. Mobility in soil

insoluble in water

12.6. Other adverse effects

unknown

Further information

No environmental problems can be expected when the product is handled and used properly.

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

The product must be disposed of by an approved company in accordance with the local government regulations.

Contaminated packaging

Noncleanable packaging must be disposed of like the substance. Cleaned containers may be recycled.

SECTION 14: Transport information**Land transport (ADR/RID)****14.3. Transport hazard class(es):** No dangerous good in sense of these transport regulations.**Inland waterways transport (ADN)****14.3. Transport hazard class(es):** No dangerous good in sense of these transport regulations.**Marine transport (IMDG)****14.3. Transport hazard class(es):** No dangerous good in sense of these transport regulations.**Air transport (ICAO)****14.3. Transport hazard class(es):** No dangerous good in sense of these transport regulations.**Other applicable information**

Deutschland: postal dispatch without restriction

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): 1 - slightly water contaminating

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Additional information

not applicable

SECTION 16: Other information**Further Information**

All information, recommendations, and advice on the part of R&G Faserverbundwerkstoffe GmbH are published to the best of our knowledge and belief. They are noncommittal and contain neither explicit nor tacit assurance or warranty of particular properties. The values specified for properties are typical figures. Recommendations or advice serve to describe our products and possible applications in a general or exemplary, but not specifically individual manner. In the course of the constant technical advancement and improvement of our products there may be changes to the characteristic values, copy, and diagrams; no specific reference is made to any such change. Owing to our products' wide and highly diverse range of potential applications far beyond any of our attempts to analyse, the customer alone is responsible for examining our products' suitability for the respective processes and purposes and their respective processibility. All and any protective rights and the applicable laws, terms, and conditions must be observed by the buyer or user of our products at their own responsibility. Publication is not a licence and does not intend the violation of any patents.

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