

Safety Data Sheet

according to Regulation (EC) No 1907/2006

silicone rubber KDSV 25

Print date: 15.03.2013

Product code: 415200-GHS-2013

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

Identification of the substance or mixture

silicone rubber KDSV 25

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

GHS: Hazard categories:
Serious eye damage/eye irritation: Eye Irrit. 2
Respiratory/skin sensitization: Skin Sens. 1
Germ cell mutagenicity: Muta. 2
Reproductive toxicity: Repr. 1B
Specific target organ toxicity - repeated exposure: STOT RE 2
Hazardous to the aquatic environment: Aquatic Chronic 3
Hazard Statements:
May cause an allergic skin reaction.
Causes serious eye irritation.
Suspected of causing genetic defects.
May damage fertility. May damage the unborn child.
May cause damage to organs through prolonged or repeated exposure.
Harmful to aquatic life with long lasting effects.

3. Composition/information on ingredients

Chemical characterization (Mixture)

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Hazardous components

EC No	CAS No	Chemical name	Quantity
		Classification GHS classification	
	63148-62-9	Dimethylpolysiloxan	35 %
238-878-4	14808-60-7	Quartz Xn - Harmful R48/20	35 %
	119299-06-8	Polydimethylsiloxan, Reaktionsprodukt mit N-(3-(Trimethoxysilyl)propyl)cyclohexanamin Xi - Irritant R38-41	27 %
401-040-5	75113-37-0	dibutyltin hydrogen borate Muta. Cat. 3, Repr. Cat. 2, T - Toxic, Xn - Harmful, Xi - Irritant, N - Dangerous for the environment R68-60-61-48/25-21/22-41-43-50-53 Repr. 1B, Muta. 2, STOT RE 1, Acute Tox. 4, Acute Tox. 4, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H360FD H341 H372 ** H312 H302 H318 H317 H400 H410	2 %
201-083-8	78-10-4	ethyl silicate, tetraethyl silicate Xn - Harmful, Xi - Irritant R10-20-36/37 Flam. Liq. 3, Acute Tox. 4, Eye Irrit. 2, STOT SE 3; H226 H332 H319 H335	1 %

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

4. First aid measures

After inhalation

Provide fresh air. In the case of turning blue (lips, earlobes, finger nails) apply oxygen respiration as soon as possible.

After contact with skin

Contaminated clothing, including underwear and shoes, must be taken off immediately. After contact with skin, wash immediately with soap and plenty of water. If skin becomes irritated, seek medical treatment.

After contact with eyes

After contact with eye rinse immediately with lot of water at least 5 minutes with open eyelid. Subsequently consult an ophthalmologist.

After ingestion

Do not induce vomiting. Consult physician.

5. Fire-fighting measures

Suitable extinguishing media

Water fog. alcohol resistant foam. Carbon dioxide (CO₂).

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

Carbon monoxide. Carbon dioxide (CO₂). Silicon dioxide.

Special protective equipment for fire-fighters

Protective clothing. In case of fire: Wear self-contained breathing apparatus.

6. Accidental release measures

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Personal precautions

Remove from all sources of ignition. Keep away from heat and ignition sources. Avoid contact with eyes. Do not breath vapour. Avoid contact with liquid. Prevent the liquid from escaping.

6.2. Environmental precautions

Do not let the product enter the groundwater, open water, or the sewerage system.

7. Handling and storage

Handling

Advice on safe handling

Keep away from heat and ignition sources. keep containers closed when not in use. Avoid contact with skin and eyes. Washing places concerned with a lot of water and soap. If the symptom doesn't stop, consult doctor.

Storage

Requirements for storage rooms and vessels

Keep only in the original container in a cool, well ventilated place away from easily flammable substances. Store separately from foodstuffs. Wash hands with soap and water before eating and drinking Ground containers when transferring liquid to prevent static accumulation and discharge Keep separate from other hazardous and incompatible substances. Oxidizing agents, strong. strong alkalis and acid

8. Exposure controls/personal protection

Exposure limit values

8.2. Exposure controls

Protective and hygiene measures

Wear goggles. Wear protective gloves. Following eye contact: Rinse immediately carefully and thoroughly with eye-bath or water.

Respiratory protection

Wear filter mask/respiratory equipment.

9. Physical and chemical properties

General information

Physical state: solid
Colour: white

Important health, safety and environmental information

Test method

Changes in the physical state

Flash point: The product itself does not burn.

10. Stability and reactivity

10.6. Hazardous decomposition products

Carbon monoxide. silicon oxides

Further information

Hazardous Polymerization will not occur.

11. Toxicological information

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12. Ecological information

Further information

Having reached not waters, sewages or the soil.

13. Disposal considerations

14. Transport information

15. Regulatory information

Labelling

GHS labelling

Signal word:

Danger

Pictograms:

exclamation mark; health hazard



Hazard statements

H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H341	Suspected of causing genetic defects.
H360FD	May damage fertility. May damage the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash ... thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P321	Specific treatment (see ... on this label).
P363	Wash contaminated clothing before reuse.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P405	Store locked up.
P501	Dispose of contents/container to

National regulatory information

16. Other information

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

10 Flammable.

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20	Harmful by inhalation.
21/22	Harmful in contact with skin and if swallowed.
36/37	Irritating to eyes and respiratory system.
38	Irritating to skin.
41	Risk of serious damage to eyes.
43	May cause sensitisation by skin contact.
48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
48/25	Toxic: danger of serious damage to health by prolonged exposure if swallowed.
50	Very toxic to aquatic organisms.
53	May cause long-term adverse effects in the aquatic environment.
60	May impair fertility.
61	May cause harm to the unborn child.
68	Possible risks of irreversible effects.

Full text of H statements referred to under Sections 2 and 3

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H360FD	May damage fertility. May damage the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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