

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Silicone M 4470 (heat resistant)

Print date: 22.12.2014

Product code: A415120-GHS-2013

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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/cm ³	DIN 53479
Water solubility:	virtually insoluble	
Viscosity / dynamic: (at 23 °C)	15000 mPa·s	

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 Analogie zu 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 biodegradable

12.3. Bioaccumulative potential

bioaccumulation improbable

12.4. Mobility in soil

insoluble in water

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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.)