

Safety Data Sheet (1907/2006/EC)Material: 60019908 ELASTOSIL® R 570/70
MH L7-0/C1

Version: 1.2 (GB) Date of print: 30.03.2012 Date of last alteration: 03.12.2009

1 Identification of the substance/preparation and company**1.1 Name of substance/preparation**Commercial product name: ELASTOSIL® R 570/70
MH L7-0/C1**1.2 Use of substance / preparation**Industrial.
Raw material for: elastomer products .**1.3 Company name**Manufacturer/distributor: Wacker Chemie AG
Street/POB-No.: Hanns-Seidel-Platz 4
State/postal code/city: D 81737 München
Telephone: +49 89 6279-0
Telefax: +49 89 6279-1770

Information about the Safety Data Sheet:	Telephone	+49 8677 83-4888
	Telefax	+49 8677 886-9722
	eMail	WLCP-MSDS@wacker.com

1.4 Emergency telephone numberEmergency Information (German): plant fire brigade +49 8677 83-2222
Emergency Information (internat.): National Response Center +49 621 60-43333**2 Hazards identification****2.1 Classification**

R-Phrase	Description
R-	-

This product is not a dangerous preparation within the meaning of Directive 1999/45/EC.

3 Composition/information on ingredients**3.1 Chemical characterization (preparation)**

Chemical characteristics
Polydimethylsiloxane with vinyl groups and auxiliary

3.2 Hazardous ingredients

EC-No.	CAS No.	Material	Content %		Warning Label (EC)	
			from	to	Symbol	R-Phrases
201-279-3	80-43-3	Dicumylperoxide		<5,0	O, Xi, N	7-36/38-51/53

R-Phrase	Description
R7 R36/38 R51/53	May cause fire. Irritating to eyes and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4 First-aid measures**4.1 General information:**

In case of accident or if you feel unwell seek medical advice (show label or SDS where possible).

4.2 After inhalation

Material cannot be inhaled under normal conditions.

4.3 After contact with the skin

Wipe off excess material with cloth or paper. Wash with plenty of water or water and soap. In the event of a visible skin change or other complaints, seek medical advice (show label or SDS where possible).

Safety Data Sheet (1907/2006/EC)

Material: 60019908

ELASTOSIL® R 570/70
MH L7-0/C1

Version: 1.2 (GB)

Date of print: 30.03.2012

Date of last alteration: 03.12.2009

4.4 After contact with the eyes

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

4.5 After swallowing

Give several small portions of water to drink. Do not induce vomiting.

5 Fire-fighting measures**5.1 Suitable extinguishing media**

water spray , extinguishing powder , alcohol-resistant foam , carbon dioxide , sand .

5.2 Extinguishing media which must not be used for safety reasons

water jet .

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Hazardous decomposition products: benzene .

5.4 Special protective equipment for fire fighting

Use respiratory protection independent of recirculated air.

6 Accidental release measures**6.1 Personal precautions**

No special measures required.

6.2 Environmental precautions

Prevent material from entering sewers or surface waters.

6.3 Methods for cleaning up

Scoop up large quantities after dusting surfaces with sand or Fuller's earth to prevent sticking. Sweep or scrape up the spilled material and place in an appropriate chemical waste container. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Apply sand or other inert granular material to improve traction.

7 Handling and storage**7.1 Handling****Precautions for safe handling:**

No special protective measures required.

Precautions against fire and explosion:

No special precautions against fire and explosion required.

7.2 Storage**Conditions for storage rooms and vessels:**

none known

Advice for storage of incompatible materials:

not applicable

Further information for storage:

Keep container tightly closed. Store in a dry and cool place.

8 Exposure controls and personal protection equipment**8.1 Exposure limits****Maximum airborne concentrations at the workplace:**

not applicable

-

Safety Data Sheet (1907/2006/EC)Material: 60019908 ELASTOSIL® R 570/70
MH L7-0/C1

Version: 1.2 (GB) Date of print: 30.03.2012 Date of last alteration: 03.12.2009

8.2 Exposure limited and controlled**8.2.1 Exposure in the work place limited and controlled****General protection and hygiene measures:**

Observe standard industrial hygiene practices for the handling of chemical substances. Do not eat or drink when handling.

Personal protection equipment**Respiratory protection**

not required .

Hand protection

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

Eye protection

Recommendation: protective goggles .

8.2.2 Exposure to the environment limited and controlled

Prevent material from entering surface waters and soil.

9 Physical and chemical properties**9.1 General information**Physical state / form.....: paste
Colour.....: black
Odour.....: slight**9.2 Important information about the protection of health, safety and the environment Method:**Melting point / melting range.....: not determined
Boiling point / boiling range.....: not applicable
Flash point.....: > 200 °C (DIN 51376)
Ignition temperature: > 400 °C (DIN 51794)
Lower explosion limit (LEL).....: not applicable
Upper explosion limit (UEL).....: not applicable
Vapour pressure.....: not applicable
Density.....: 1,19 g/cm³ (DIN 53479)
Water solubility / miscibility.....: virtually insoluble at 20 °C
pH-Value.....: not applicable
Viscosity (dynamic).....: not applicable**9.3 Other information**

Thermal decomposition.....: > 250 °C

10 Stability and reactivity**10.0 General information:**

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

10.1 Conditions to avoid

none known

10.2 Materials to avoid

none known

10.3 Hazardous decomposition products

If stored and handled in accordance with standard industrial practices and local regulations where applicable: none known . Measurements have shown the formation of small amounts of benzene at temperatures above about 180 °C (356 °F). Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

Safety Data Sheet (1907/2006/EC)

Material: 60019908

ELASTOSIL® R 570/70
MH L7-0/C1

Version: 1.2 (GB)

Date of print: 30.03.2012

Date of last alteration: 03.12.2009

11 Toxicological information**11.0 General information:**

According to our present state of knowledge no damaging effect expected when treated in accordance with standard industrial practices and local regulations where applicable.

11.1 Toxicological tests**Further information:**

-

11.2 Experience with man

-

11.3 Further toxicological information

-

12 Ecological information**12.1 Ecotoxicity**

According to past experience toxicity to fish is improbable.

Effects in sewage treatment plants (bacteria toxicity: respiration-/reproduction inhibition):

According to current knowledge adverse effects on water purification plants are not expected.

12.2 Mobility

-

12.3 Persistence and degradability**Biodegradation / further information:**

Biologically not degradable.

12.4 Bio-accumulation potential

Bioaccumulation is not expected to occur.

12.5 Other harmful effects

-

12.6 Additional information**General information:**

In cross-linked state not soluble in water. Easily separable from water by filtration.

13 Disposal considerations**13.1 Material****Recommendation:**

Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable governmental regulations.

13.2 Uncleaned packaging**Recommendation:**

Containers should be completely emptied before recycling as specified in government regulations. Empty containers should be sent to an approved recycling facility.

13.3 Waste Disposal Legislation Ref.No. (EC)

It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Safety Data Sheet (1907/2006/EC)

Material: 60019908 ELASTOSIL® R 570/70
MH L7-0/C1

Version: 1.2 (GB) Date of print: 30.03.2012 Date of last alteration: 03.12.2009

14 Transport information**14.1 Land transport ADR and RID****Road ADR:**

Valuation.....: Not regulated for transport

Railway RID:

Valuation.....: Not regulated for transport

14.2 Transport by sea IMDG-Code

Valuation.....: Not regulated for transport

Marine Pollutant.....: no

14.3 Air transport ICAO-TI/IATA-DGR

Valuation.....: Not regulated for transport

14.4 Transport/further information**Informing dept. ref. to heading 14. Transport information:**

Department Hazardous Materials Service, Telefax: +49/(0) 8677/83-5589, Telephone: +49/(0) 8677/83-4950

15 Regulatory information**15.1 Warning Label (EC)**

R-Phrase	Description
R-	-

S-Phrase	Description
S-	-

Special identification instructions: Safety data sheet available for professional users on request.

15.2 National regulations

National and local regulations must be observed.

SI 2002/1689: CHIP Regulations 2002
SI 2002/2677: COSHH Regulations 2002
SI 1999/3242: Management of Health & Safety at Work Regulations 1999 Health & Safety at Work Act 1974
SI 1993/1643: Environmental Protection Act 1993 & Subsidiary Regulations.
Other national and local measures relating to the workplace, pollution control, environmental protection and waste control.

15.3 Other international regulations**Details of international registration status**

Listed on or in accordance with the following inventories:

IECSC - China
TSCA - USA
PICCS - Philippines
ENCS - Japan
ECL - Korea
DSL - Canada
AICS - Australia
EINECS - Europe

Safety Data Sheet (1907/2006/EC)

Material: 60019908 **ELASTOSIL® R 570/70**
 MH L7-0/C1Version: 1.2 (GB) Date of print: 30.03.2012 Date of last alteration: 03.12.2009

16 Other information

16.1 Material

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.

16.2 Further information:

Commas appearing in numerical data denote a decimal point. Vertical lines in the left-hand margin indicate changes compared with the previous version. This version supersedes all previous versions.

- End of Safety Data Sheet -