

Safety Data Sheet (1907/2006/EC)

Material: 60003765

ELASTOSIL® RT 607 A

Version: 1.8 (REG_EUROPE)

Date of print: 07.02.2012

Date of last alteration: 04.12.2009

1 Identification of the substance/preparation and company**1.1 Name of substance/preparation**

Commercial product name: ELASTOSIL® RT 607 A

1.2 Use of substance / preparationIndustrial.
Casting compound**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 functional groups and auxiliaries for addition cross-linking

3.2 Hazardous ingredients

EC-No.	CAS No.	Material	Content %		Warning Label (EC)	
			from	to	Symbol	R-Phrases
238-878-4	14808-60-7	Quartz	>50,0		Xn	48/20

Quartz : This ingredient does not require classification. Due to this material's physical properties, inhalation is not dangerous.

R-Phrase	Description
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.

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

Provide fresh air.

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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).

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 mist , extinguishing powder , alcohol-resistant foam , carbon dioxide , sand .

5.2 Extinguishing media which must not be used for safety reasons

water spray , water jet .

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

not applicable

5.4 Special protective equipment for fire fighting

Use respiratory protection independent of recirculated air.

6 Accidental release measures**6.1 Personal precautions**

If material is released indicate risk of slipping. Do not walk through spilled material.

6.2 Environmental precautions

Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material (e.g. earth). Close leak if possible without risk.

6.3 Methods for cleaning up

Take up mechanically and dispose of according to local/state/federal regulations. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers. 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**7.0 General information:**

Stir thoroughly before use or catalysing.

7.1 Handling**Precautions for safe handling:**

Spilled substance increases risk of slipping.

Precautions against fire and explosion:

Observe the general rules for fire prevention.

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.

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

not applicable

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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 , nitrile rubber protective gloves .

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.....: liquid

Colour.....: reddish brown

Odour.....: odourless

9.2 Important information about the protection of health, safety and the environment Method:

Melting point / melting range.....: not applicable

Boiling point / boiling range.....: not applicable

Flash point.....: > 200 °C

(DIN 51376)

Ignition temperature: > 450 °C

(DIN 51794)

Lower explosion limit (LEL).....: not applicable

Upper explosion limit (UEL).....: not applicable

Vapour pressure.....: not applicable

Density.....: approx. 1,5 g/cm³

(DIN 51757)

Water solubility / miscibility.....: virtually insoluble at 20 °C

pH-Value.....: not applicable

Viscosity (dynamic).....: 15000 mPa.s

9.3 Other information

Thermal decomposition.....: > 200 °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

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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 formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

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**

Evaluation on basis of physical-chemical properties: No expected damaging effects to aquatic organisms.

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

Insoluble in water.

12.3 Persistence and degradability

Biodegradation / further information:

Biologically not degradable.

Further information:

Separation by sedimentation.

12.4 Bio-accumulation potential

Bioaccumulation is not expected to occur.

12.5 Other harmful effects

none known

12.6 Additional information

General information:

No environmental problems expected if handled and treated in accordance with standard industrial practices and local regulations where applicable.

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.

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13.2 Uncleaned packaging**Recommendation:**

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

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

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.

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

Listed on or in accordance with the following inventories:

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

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.

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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 -