

Safety Data Sheet (1907/2006/EC)

Material: 60045393

ELASTOSIL® R 570/50
OH

Version: 1.7 (GB)

Date of print: 30.03.2012

Date of last alteration: 29.11.2011

1. SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**Commercial product name: ELASTOSIL® R 570/50
OH**1.2 Relevant identified uses of the substance or mixture and uses advised against**Industrial.
Raw material for: elastomer products .**1.3 Details of the supplier of the safety data sheet**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 6279-1770Information about the Safety Data Sheet: Telephone +49 8677 83-4888
Telefax +49 8677 886-9722
eMail WLCP-MSDS@wacker.com**1.4 Emergency telephone number**Emergency Information: plant fire brigade +49 8677 83-2222
Emergency Information (internat.): National Response Center +49 621 60-43333**2. SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

Classification (67/548/EEC, 1999/45/EC):

R-Phrase	Description
R-	-

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

2.2 Label elements

Labelling (67/548/EEC, 1999/45/EC):

R-Phrase	Description
R-	-

S-Phrase	Description
S-	-

2.3 Other hazards

No data are available.

3. SECTION 3: Composition/information on ingredients**3.1 Substances**

not applicable

3.2 Mixtures**3.2.1 Chemical characterization (preparation)**

Polydimethylsiloxane with vinyl groups and auxiliary

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4. SECTION 4: First aid measures**4.1 Description of first aid measures****General information:**

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

After inhalation:

Material cannot be inhaled under normal conditions.

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).

After contact with the eyes:

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

After swallowing:

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

4.2 Most important symptoms and effects, both acute and delayed

Any relevant information can be found in other parts of this section.

4.3 Indication of any immediate medical attention and special treatment needed

No data are available.

5. SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media:**

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

Extinguishing media which must not be used for safety reasons:

water jet .

5.2 Special hazards arising from the substance or mixture

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5.3 Advice for firefighters**Special protective equipment for fire fighting:**

Use respiratory protection independent of recirculated air.

6. SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

No special measures required.

6.2 Environmental precautions

Prevent material from entering sewers or surface waters.

6.3 Methods and material for containment and 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.

6.4 Reference to other sections

Relevant information in other sections have to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

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7. SECTION 7: Handling and storage**7.1 Precautions for safe 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 Conditions for safe storage, including any incompatibilities**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.

7.3 Specific end use(s)

No data are available.

8. SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Maximum airborne concentrations at the workplace:**

not applicable

8.2 Exposure controls**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

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

Physical state / form: paste

Colour: black

Odour: slight

Important information about the protection of health, safety and the environment:**Property:**

Melting point / melting range: not applicable

Boiling point / boiling range: not applicable

Flash point.....: > 200 °C

Ignition temperature: > 400 °C

Value:**Method:**

(DIN 51376)

(DIN 51794)

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Lower explosion limit (LEL): not applicable
Upper explosion limit (UEL).....: not applicable
Vapour pressure.....: not applicable
Density: 1,1 g/cm³ (DIN 53479)
Water solubility / miscibility.....: virtually insoluble at 20 °C
pH-Value: not applicable
Viscosity (dynamic): not applicable

9.2 Other information

Thermal decomposition: > 250 °C

10. SECTION 10: Stability and reactivity**10.1 – 10.3 Reactivity; Chemical stability; Possibility of hazardous reactions**

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

Relevant information can possibly be found in other parts of this section.

10.4 Conditions to avoid

none known

10.5 Incompatible materials

none known

10.6 Hazardous decomposition products

If stored and handled properly: none known . Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

11. SECTION 11: Toxicological information**11.1 Information on toxicological effects****11.1.1 Acute toxicity****Assessment:**

For this endpoint no toxicological test data is available for the whole product.

11.1.2 Skin corrosion/irritation**Product details:**

Result/Effect	Species/Test system	Source
not irritating	no data available	Conclusion by analogy

11.1.3 Serious eye damage / eye irritation**Product details:**

Result/Effect	Species/Test system	Source
not irritating	no data available	Conclusion by analogy

11.1.4 Respiratory or skin sensitization**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

11.1.5 Germ cell mutagenicity**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

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11.1.6 Carcinogenicity**Assessment:**

| For this endpoint no toxicological test data is available for the whole product.

11.1.7 Reproductive toxicity**Assessment:**

| For this endpoint no toxicological test data is available for the whole product.

11.1.8 Specific target organ toxicity (single exposure)**Assessment:**

| For this endpoint no toxicological test data is available for the whole product.

11.1.9 Specific target organ toxicity (repeated exposure)**Assessment:**

| For this endpoint no toxicological test data is available for the whole product.

11.1.10 Aspiration hazard**Assessment:**

| For this endpoint no toxicological test data is available for the whole product.

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

| Evaluation on basis of physical-chemical properties: No expected damaging effects to aquatic organisms. According to current knowledge adverse effects on water purification plants are not expected.

12.2 Persistence and degradability**Assessment:**

| Silicone content: Biologically not degradable. Elimination by adsorption to activated sludge. Inorganic substance: Not applicable.

12.3 Bioaccumulative potential**Assessment:**

| No adverse effects expected.

12.4 Mobility in soil**Assessment:**

| Insoluble in water. Separation by sedimentation.

12.5 Results of PBT and vPvB assessment

| No data are available.

12.6 Other adverse effects

| none known

13. SECTION 13: Disposal considerations**13.1 Waste treatment methods****13.1.1 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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13.1.2 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.

13.1.3 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.

14. SECTION 14: Transport information**14.1–14.4 UN number; UN proper shipping name; Transport hazard class(es); Packing group****Road ADR:**

Valuation: Not regulated for transport

Railway RID:

Valuation: Not regulated for transport

Transport by sea IMDG-Code:

Valuation: Not regulated for transport

Air transport ICAO-TI/IATA-DGR:

Valuation: Not regulated for transport

14.5 Environmental hazards

Hazardous to the environment: no

14.6 Special precautions for user

Relevant information in other sections have to be considered.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Bulk transport in tankers is not intended.

15. SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

National and local regulations must be observed.

For information on labelling please refer to section 2 of this document.

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.

15.2 Chemical safety assessment

A chemical safety assessment according to (EC) regulation 1907/2006 (REACH) has not been carried out for this product.

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

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DSL - Canada
AICS - Australia**16. SECTION 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 -