



Safety Data Sheet (1907/2006/EG)

Material: Rexsil Tape

Version: 1.0 (ENG) Date of last alteration::01.01.2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Commercial product name: Rexsil Tape

1.2 Relevant identified uses of the substance or mixture and uses advised against

Industrial.

Use of substance / preparation: Raw material for: elastomer products.

1.3 Details of the supplier of the safety data sheet

Manufacturer/distributor: Rexsil AB

Street/POB-No.: Tallgatan 9

State/postal code/city: SE 333 77 Burseryd

Telephone: +46 (0)371-509 80

Telefax: +46 (0)371-509 85

SECTION 2: Hazards identification

This product has warnings according to REACH (Registration, Evaluation, Authorisation and Restrictions of Chemicals)

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

3.2.2 Hazardous ingredients

EC-No.	CAS No.	Material	Content %	Warning Label (EC) Symbol	R-Phrases*
233-139-2	10043-35-3	Boric acid	< 1, 0%	T	60-61

Boric acid: SVHC-candidate (substance of very high concern)

*R60 May impair fertility

*R61 May cause harm to the unborn child

SECTION 4: First aid measures 4.

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



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No data are available.

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 firefighting:

Use respiratory protection independent of recirculated air.

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.

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.

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.



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Personal protection equipment:

Respiratory protection

Not required

Hand protection

Recommendation: Protective gloves made of butyl rubber. Gloves suitable for up to 60 minutes' use. The selection of appropriate gloves not only depends on the material, but also on other quality characteristics, and may vary depending on the manufacturer.

Please observe information from your glove supplier in terms of permeability and breakthrough time.

Eye protection

Recommendation: protective goggles

8.2.2 Exposure to the environment limited and controlled

Prevent material from entering surface waters and soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General information:

Physical state / form: solid
Colour: opaque
Odour: slight

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

Property:	Value:	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:	approx. 1,18 g/cm ³	(DIN 53479)
Water solubility / miscibility:	virtually insoluble	
pH-Value:	not applicable	
Viscosity (dynamic):	> 9000000 mPa.s	

9.2 Other information

Thermal decomposition > 250 °C

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.



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SECTION 11: Toxicological information

11.1 Information on toxicological effects

11.1.1 Acute toxicity

Assessment:

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11.1.2 Skin corrosion/irritation

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11.1.3 Serious eye damage / eye irritation

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11.1.4 Respiratory or skin sensitization

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SECTION 12: Ecological information

12.1 Toxicity

Assessment:

Evaluation in analogy to similar product. 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:

Biologically not degradable. Separation by sedimentation.

12.3 Bio-accumulative potential

Assessment:

Polymer component: No adverse effects expected.

12.4 Mobility in soil

Assessment:

Insoluble in water. No adverse effects expected.

12.5 Other adverse effects

None known

12.6 Additional information

Easily separable from water by filtration.

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.

13.1.2 Unclean packaging

Recommendation:

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

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:



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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.

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.

15.2 Other international regulations

Details of international registration status:

Listed on or in accordance with the following inventories:

IECSC - China

PICCS - Philippines

ENCS - Japan

AICS - Australia

ECL - Korea

TSCA - USA

EINECS – Europe

SECTION 16: Other information

16.1 Material

The technical data and suggestions for use contained herein are correct to the best of our knowledge and offered in good faith. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements. The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product. All technical and safety information are subject to change without notice.

This applies in particular to the further sale or distribution of the product or substances or items containing the product, in other jurisdictions and with regard to the protection of third-party intellectual property rights.

If the described product is processed or mixed with other substances or materials, the details stated in this document cannot be conferred to the resultant new product unless this has been expressly mentioned. If the product is repackaged, the recipient is obligated to additionally provide the required safety-related information.

All deliveries are subject to the WACKER SILICONES Health Care Policy, which is available at www.wacker.com.

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 -