

SILEX

SILICONES



Certificate No. 0372

Silicone Super Vac MSDS

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product Name

Trade name Silicone Super Vac Sheet

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

Relevant identified uses

Industrial and professional. Perform Risk Assessment prior to use.

Uses advised against

Not for human consumption

1.3 Details of the supplier of the Safety data sheet Company Identification

Silex Ltd

Unit 4 & 5, Broxhead Trading Estate, Lindford, Bordon, Hants, GU35 0JX

Email: info@silex.co.uk

Emergency Telephone Number: + 44 (0) 1420 487130 (9:00-17:30 Mon-Fri)

2. Hazards Identification

2.1 Classification of the substance or mixture

This product is defined as an “Article” as described in directive EC1907/2006 (REACH) and does not contain any substances on the latest issue SVHC Candidate list at above reportable levels, as such as no Safety Data Sheet as defined in REACH Article 31, annex 2 is required. Information within this data sheet is provided for our customer’s expediency.

3. Composition/Information of Ingredients

3.1 Chemical Characterization Solid Silicone Elastomer

3.2 Ingredients

Polydimethylsiloxane with vinyl groups plus fillers and pigments.

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4. First and Measures

If inhaled	Inhalation is not considered a potential route of exposure
On contact with eyes	Contact with eyes is not considered a potential route of exposure
On contact with skin	Contact with skin is not considered a potential route of exposure
Upon Ingestion	Not a likely route of exposure

5. Fire-Fighting Measures

Suitable extinguishing media	Carbon dioxide, foam, dry powder or fine water spray.
Unsuitable extinguishing media	None known
Special protective equipment/procedures	A self-contained respirator and protective clothing should be worn. Keep containers cool with water spray until well after the fire is out. Determine the need to evacuate or isolate the area according to your local emergency plan.
Hazards during fire fighting	None known
Hazards combustion products	Silica. Carbon oxide and traces of incompletely burned carbon compounds. When burnt, product may emit formaldehyde vapours. Gases given off when burnt do not contain more than 0.05% chlorine.

6. Accidental Release Measures

Personal precautions	Wear proper protective equipment.
Precautions to protect the environments	Do not allow large quantities to enter drains or surface waters.
Methods for cleaning up	Clean up and dispose of it in general waste.

7. Handling and Storage

Advice on storage	Store at ambient temperatures and atmospheric pressure in a dry environment. The product should be kept out of direct sunlight (preferably in the dark). The product should be retained in its original packaging.
Unsuitable packaging materials	None Known

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8. Engineering Controls / Personal Protection

8.1 Control parameters

Employ good industrial hygiene practises

8.2 Exposure Controls



Personal protection equipment

Respiratory	Respiratory protection is not required under normal condition. For exceptional conditions please carry out a risk assessment.
Hand Protection	Gloves are not normally required.
Skin protection	Protective equipment is not normally necessary.
Eye protection	Safety Glasses should be worn.
Hygiene measures	Exercise good industrial practice. Wash after handling, especially before eating, drinking or smoking.
Additional information	None known

9. Physical and Chemical Properties

9.1 Information on basic chemical and physical properties

Appearance	Solid Rubber
Odour	Odourless
pH	Not determined
Melting/Freezing point	Not determined
Initial boiling point/range	Not determined

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Flash point	Not determined	
Evaporation rate	Not determined	
Flammability	These products meet the flammability requirements of FA 25/JAT 25/CS 25 Appendix F, Part 1, (a)(1)(iv) and (a)(1)(v) horizontal flammability tests and Automotive Standard PART 571FMVSS302.	
Explosive limits	None	
Vapour pressure	None	
Vapour density	None	
Solubility (ies)	Not Determined	
Partition coefficient: octanol/water	Not Determined	n-
Auto-ignition temperature	Not Determined	
Decomposition temperature	> 260°C	
Viscosity	None	
Explosive properties	None	
Oxidising properties	None	

10. Stability and Reactivity

Stability	Stable under normal conditions
Conditions to avoid	Prolonged contact with organic fluids
Hazardous decomposition Products	See section 11

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11. Toxicological Information

On contact with eyes	No hazard known.
On skin contact	No hazard known.
If inhaled	No hazard known.
On ingestion	Small amounts should not injure. Swallowing large amounts may cause digestive discomfort.

1 Based on product test data

2 Based on assessments from related products

3 This information is based either on test data, extrapolation from tests on similar materials, review of data, or a combination of these sources.

12. Ecological Information

Environmental fate and distribution

No adverse effects are predicted.

Ecotoxicity effects

No adverse effects on aquatic organisms are predicted.

Bioaccumulation No bioaccumulation potential.

Fate and effects in waste water treatment plants

No adverse effects on bacteria are predicted.

13. Disposal Consideration

Product disposal When disposing of silicone rubber products, local authority bylaws should be respected. If incineration is used, the incinerator should be designed to effect complete combustion of the gases and fumes produced.

Packaging disposal Dispose of in accordance with local regulations.

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14. Transport Information

UN Number	Not applicable
Road/Rail (ADR/RID)	Not subject to ADR/RID
Sea transport (IMGD)	Not subject to IMGD code
Inland Waterways (ADN)	Not subject to AND code
Air transport (ICAO-TI)	Not subject to ICAO regulations

15. Regulatory Information

15.1 Warning Label (EC)

Risk Phrases	None
Safety Phrases	None

15.2 Chemical Safety Assessment

Chemical Safety Assessment has not been carried out.

16 Other Information

It is the responsibility of persons in receipt of this Product Safety Data Sheet to ensure that the information contained therein is properly read and understood by all people who may use, handle, dispose or in any way come into contact with the product. If the recipient subsequently produces an article containing the Silex Limited product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Silex Limited Product Safety Data Sheet to their own Product Safety Data Sheet.

All information and instructions provided in this Safety Data Sheet (SDS) are based on current state of scientific and technical knowledge at the date indicated on the present SDS. Silex Limited shall not be held responsible for any defect in the product covered by this SDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.

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