

SAFETY SHEET



Silex High Temp Series Solid Silicone

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Name

Trade name: SILEX HT Series

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 Limited

Unit 10, Oakhanger Farm Business Park, Oakhanger, Bordon, Hampshire, GU35 9JA.

Email: sales@silex.co.uk

Telephone Number: +44 (0) 1420 470360 (09:00-17:00 Mon-Fri)

2. HAZARDS IDENTIFICATION

2.1 Classification

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 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 ON INGREDIENTS

3.1 Chemical Characterization

Silicone Elastomer.

3.2 Ingredients

Polydimethylsiloxane with vinyl groups plus fillers and pigments where required.

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4. FIRST AID 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.

Hazardous combustion products

Silica, Carbon oxides 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 environment

Do not allow large quantities to enter drains or surface waters.

Methods for cleaning up

Clean up and dispose of it in accordance with local regulations.

7. HANDLING AND STORAGE

Advice on storage

Store at ambient temperature 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.

8. ENGINEERING CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Employ good industrial hygiene practises.

8.2 Exposure Controls

Personal protection equipment

Respiratory protection

Respiratory protection is not required under normal conditions. 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 hands 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	Rubber sheeting, tubing or extrusion
Odour	Slight or Odourless
pH	Not Determined
Melting point/Freezing point	Not Determined
Initial boiling point and boiling range	Not Determined
Flash point	Not Determined
Evaporation rate	Not Determined
Flammability	These products meet the flammability requirements of FAR 25/JAR 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	Not Determined
Partition coefficient: n-octanol/water	Not Determined
Auto-ignition temperature	Not Determined
Decomposition temperature	> 260°C
Viscosity	None
Explosive properties	None
Oxidising properties	None

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10. STABILITY AND REACTIVITY**Stability**

Stable under normal storage and usage conditions.

Conditions to avoid

Prolonged contact with organic fluids.

Hazardous decomposition products

See section 5

11. TOXICOLOGICAL INFORMATION**On contact with eyes³**

No hazard known.

On skin contact³

No hazard known.

If inhaled³

No hazard known.

On ingestion³

Small amounts should not injure. Swallowing large amounts may cause digestive discomfort.

¹Based on product test data.

²Based on assessments from related products.

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

12. ECOLOGICAL INFORMATION**Environmental fate and distribution**

No adverse effects are predicted.

Eco toxicity effects

No adverse effects on aquatic organisms are predicted.

Bioaccumulation

No bioaccumulation potential.

Fate and effects in wastewater 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.

14. TRANSPORT INFORMATION

UN Number

Not Applicable.

Road / Rail (ADR/RID)

Not subject to ADR/RID.

Sea transport (IMDG)

Not subject to IMDG code.

Inland Waterways (ADN)

Not subject to ADN 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 the 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.