

SILEX

SILICONE SO



MATERIAL SAFETY DATA SHEET
According to EC directive 91/155/EEC and subsequent amendments
Version 1.1 Issue Date: 07.11.2013

SILEX LTD THT 60 SILICONE SHEET

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Trade name	:		SILEX LTD THT.60. SILICONE SHEET
Company	:		Silex Limited Units 4 & 5 Broxhead Trading Estate Lindford Bordon GU35 0JX England
Service	:	Silex Ltd	Tel: +44 (0) 1420 487 130 Fax: +44 (0) 1420 489 274
Emergency Phone Number	:	Silex Ltd	Tel: +44 (0) 1420 487 130 Fax: +44 (0) 1420 489 274

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

Chemical Characterization : Silicone Elastomer
:

Ingredients

Polydimethylsiloxane with vinyl groups plus fillers and pigments

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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 eye is not considered potential route of exposure.
On skin contact	:	Contact with skin is not considered potential route of exposure.
Upon ingestion	:	Not 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 general waste.

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.

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8. ENGINEERING CONTROLS / PERSONAL PROTECTION

Control Parameters : Employ good industrial hygiene practises

Exposure controls



Personal protection equipment

Respiratory protection : Respiratory protection is not normally required.

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 Sheet.

Colour : See product name

Odour : Slight 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 test and Automotive Standard PART 571FMVSS302.

Explosive limits : None

Vapour pressure : 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 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

³This 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 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 (IMDG)

Not subject to IMDG code.

Inland Waterways (ADN)

Not subject to AND code.

Air transport (ICAO)

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 produce. If the recipient subsequently produces an article containing Silex Limited product, it is the recipients sole responsibility to ensure the transfer of all relevant information from Silex Limited Product Safety Data Sheet to their own Product Safety Data Sheet.

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

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