

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Thermolastic Silicone Tape

Product No: THE-TPLX-XX

Version: 1

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

Product identifier: THE-TPLX-XX

Application of the material: Thermal insulation

Substance name: Thermolastic Silicone Tape

Details of the supplier of the safety data sheet:

Supplier:	Culimeta-Saveguard Ltd
Address:	Tame Valley Mill, Wainwright St, Dukinfield, Cheshire, SK16 5NB
Information Contact:	Quality Management
E-Mail (competent person)	rlaetherbarrow@culimeta-saveguard.com
Emergency Telephone No:	0161 344 2484

SECTION 2: Hazards identification

Classification according to Regulation (EC) No 1272/2008 as amended

Health Hazards

Specific target organ toxicity-repeated exposure: Category 1, causes damage to organs through prolonged or repeated exposure

Hazard Summary:

Physical hazards: No specific recommendations

Health hazards:

Inhalation: Quartz: When encapsulated in the polymer, is not expected to pose a health Hazard when processed under normal conditions of use. Although classified according to EC Criteria, this product is exempt from labelling according to article 23 and Annex 1 (section 1.3.4.1) of regulation (CE) No1272/2008.

Eye contact: No specific recommendations

Skin contact: No specific recommendations

Ingestion: No specific symptoms noted

Other health effects: No other information noted.

Environmental hazards: Not regarded as dangerous for the environment.

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Label Elements

Hazard symbols: No significant hazard

Other hazards: None known.

SECTION 3: Composition/information on ingredients

General information: Mixture of Polyorganosiloxanes, fillers, additives.

Chemical name	Concentration by weight	Cas-No	Notes
Quartz (SiO ₂)	<25%	14808-60-7	This substance has workplace exposure limit(s)

Classification

Chemical name	Classification	Notes
Quartz (SiO ₂)	DSD:Directive 67/548/EEC CLP:Regulation No.1272/2008	Xn; R48/20 STOT RE 1;H372

The full text for all R-phrases and H-statements is displayed in section 16.

SECTION 4: First aid measures

Inhalation: Not relevant

Skin contact: Remove product and wash area with soap and water, If symptoms persist call a physician.

Eye contact: Not relevant

Ingestion: Do not induce vomiting. Rinse mouth thoroughly.

General advice: Take off all contaminated clothing immediately.

Most important symptoms and effects, both acute and delayed: No data available

Indication of any immediate medical attention and special treatment needed.

Hazards: No specific recommendations

Treatment: No specific recommendations

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SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media: Water spray, foam, dry powder or carbon monoxide

Unsuitable extinguishing media: None known

Special hazards arising from the substance or mixture: None known

Advice for firefighters:

Special firefighting procedures: Water spray should be used to cool containers

Special protective equipment for firefighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

General fire hazards: No specific recommendations

SECTION 6: Accidental release measures

Personal precautions: Use personal protective equipment. See section 8 of the SDS for personal protective equipment.

Environmental precautions: Do not release into the environment

Methods for cleaning up: Sweep or scoop up material. See section 13 for waste disposal.

SECTION 7: Handling and storage

Advice on safe handling: No specific recommendations

Requirements for storage areas and containers: No special storage precautions noted. Material is stable under normal conditions. Avoid contact with oxidising agents. Store in a closed container.

Specific use(s): No specific recommendations

SECTION 8: Exposure controls/personal protection

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Control parameters: When Quartz is encapsulated in a polymer, it is not expected to pose a health hazard when processed under normal conditions of use.

Appropriate engineering controls: No specific precautions

Eye / face protection: Safety glasses

Hand protection: Safety gloves

Skin and body protection: It is good industrial hygiene practice to minimise skin contact. Wear appropriate clothing to prevent any possibility of skin contact

Respiratory protection: No specific recommendations

Hygiene measures: No specific recommendations

Environment controls: No specific recommendations

General information: No specific precautions.

SECTION 9. | Physical and chemical properties

Appearance: Solid

Colour: Various (Black, Grey, Red)

Odour: Characteristic, low odour

pH: Not applicable

Melting point/range: No data available

Boiling point/boiling range: No data available

Flash point: Not applicable

Evaporation rate: No data available

Upper explosion limit: No data available

Lower explosion limit: No data available

Vapour pressure: No data available

Vapour density: No data available

Relative density: 1.0-1.7 (20°C)

Water solubility: Insoluble

Partition coefficient: No data available

Auto-ignition temperature: Not auto-flammable

Viscosity, dynamic: 25000mPa.s (23°C) Brookfield HBTD

Oxidising properties: Not applicable

The above information is not intended for use in product specifications

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SECTION 10. Stability and Reactivity

Reactivity: Not relevant

Chemical stability: Stable

Possibility of hazardous reactions: Not known

Conditions to avoid: None

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: Not relevant

SECTION 11. Toxicological information

Information on likely routes of exposure

Inhalation: No effects expected (assessment based on ingredients)

Ingestion: No effects expected (assessment based on ingredients)

Skin contact: No effects expected (assessment based on ingredients)

Eye contact: No effects expected (assessment based on ingredients)

Acute toxicity

Oral: No effects expected (assessment based on ingredients)

Dermal: No effects expected (assessment based on ingredients)

Inhalation: No effects expected (assessment based on ingredients)

Repeated dose toxicity: No effects expected (assessment based on ingredients)

Skin corrosion/irritation: No effects expected (assessment based on ingredients)

Serious eye damage: No effects expected (assessment based on ingredients)

Eye irritation: No effects expected (assessment based on ingredients)

Respiratory sensitization: No effects expected (assessment based on ingredients)

Skin sensitization: No effects expected (assessment based on ingredients)

Germ cell mutagenicity

In vitro: No effects expected (assessment based on ingredients)

In vivo: No effects expected (assessment based on ingredients)

Carcinogenicity: No effects expected (assessment based on ingredients)

Reproductive toxicity: No effects expected (assessment based on ingredients)

Reproductive toxicity (fertility): No data available

Developmental toxicity (Teratogenicity): No data available

Specific target organ toxicity-single exposure: No effects expected (assessment based on ingredients)

Specific target organ toxicity-repeated exposure: No effects expected (assessment based on ingredients)

Aspiration hazard: No effects expected (assessment based on ingredients)

Other adverse effects: None known

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SECTION 12. Ecological information

Toxicity

Toxicity to fish: No data is available on the product itself

Toxicity to daphnia and other: No data is available on the product itself

Aquatic invertebrates

Toxicity to algae: No data is available on the product itself

Toxicity to bacteria: No data is available on the product itself

Persistence and degradability

Biodegradability: No data is available on the product itself

Physico-chemical removability: The product is insoluble and sinks in water.

Bioaccumulation potential: No data is available on the product itself.

Mobility in soil: No data is available on the product itself

Results of PBT and vPvB assessment: According to our present knowledge

The product does not contain persistent, bioaccumulative and toxic substances (PBT substances) or very persistent and very bioaccumulative (vPvB) as defined in Annex XIII of the Regulation (EG) No 1907/2006 (REACH), respectively.

Mobility in soil: According to our present knowledge the product does not contain heavy metgals and other compounds of EC directive 2000/60 EC. The product is insoluble in water, therefore the ecological data such as, e.g. biodegradability, COD, BOD5 values cannot be determined analytically.

SECTION 13. Disposal considerations

Waste treatment methods

Products: Pay attention to local or official regulations

Contaminated packaging: Pay attention to local or official regulations.

SECTION 14. Transport information

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ADR: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Proper shipping name

ADR: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Transport hazard class

ADR: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Packing group

ADR: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Environmental hazards

ADR: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Special precautions for user: See chapter 6-8

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:
Not applicable**

SECTION 15. Regulatory information

Chemical safety assessment: Not required

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SECTION 16. Other information

Full text of R-Phrases

R36: Irritating to eyes

R38: Irritating to skin

Full text of H-statements

H226: Flammable liquid and vapour

H315: Causes skin irritation

H319: Causes serious eye irritation

Further information:

This product safety data sheet was prepared in compliance with article 31 and Annex II of the EU REACH Regulation as well as its relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations. It is the responsibility of persons in receipt of the product safety data sheet to ensure that the information contained herein is properly read and understood by all the people who may use, handle, dispose or in any way come in contact with the product. This safety data sheet has been prepared in compliance with applicable European law.

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SECTION 12: Ecological information

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SECTION 13: Disposal considerations

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SECTION 14: Transport information

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SECTION 15: Regulatory information

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SECTION 16: Other information