

Safety Data Sheet

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

Trade name: Thermolastic: HT Adhesive

Product No: THE-TRTV-XX

Version: 6

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Print date:

Revision date: 06/02/2018

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

Product identifier: THE-TRTV-XX

Application of the material: Thermal Insulation
Substance name: Thermolastic: HT Adhesive

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)	rleatherbarrow@culimeta-saveguard.com
Emergency Telephone No:	0161 344 2484

SECTION 2: Hazards identification

Appearance and odour: White/off-white coloured solid with no odour.

Eye Contact: Dusts and fibres may cause mechanical irritation.

Skin Contact: May cause itching and short term mechanical irritation

Ingestion: May cause mechanical irritation

Inhalation: May cause irritation of the nose, throat and respiratory tract

Medical conditions aggravated by exposure: Respiratory and skin conditions that are aggravated by mechanical irritants may be at an increased risk for worsening from exposure to this product.

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SECTION 3: Composition/information on ingredients

Aluminium borosilicate glass with silicone adhesive one side.

SECTION 4: First aid measures

Inhalation: Remove to fresh air. If symptoms persist, seek medical attention.

Ingestion: Ingestion is unlikely. However if it does occur watch the person for several days to make sure that intestinal blockage does not occur.

Eye Contact: Flush copiously with water for 15 minutes. Do not rub or scratch eyes. Rubbing or scratching may cause mechanical damage. If irritation persists seek medical attention.

Skin Contact: Wash immediately with soap and water. Use a washcloth to help remove fibres. To avoid further irritation, do not rub or scratch affected areas. Rubbing or scratching may force fibres into the skin. If irritation persists, seek medical attention.

SECTION 5: Firefighting measures

Extinguishing media: Dry chemical, foam, carbon dioxide, and water fog.

Unusual fire and explosion habits: None known.

Fire fighting instructions: No special procedures necessary. Use general fire fighting procedures for packaging materials. Use self-contained breathing apparatus and fire fighting protective gear in a sustained fire.

Hazardous combustion products: Carbon monoxide, carbon dioxide, and water. Other undetermined compounds could be released in small quantities. The silicone adhesive layer tends to char leaving residues of silica and off-gases containing carbon dioxide, traces of incompletely burned carbon products and formaldehyde.

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SECTION 6: Accidental release measures

Land-spill: Scoop up material and put into a suitable container for disposal as a non-hazardous.

Water spill: This material will sink and disperse along the bottom of waterways and ponds. It can not easily be removed after it is waterborne, however, the material is non-hazardous in water.

SECTION 7: Handling and storage

Storage temperature: avoid high temperatures during storage to avoid curing adhesive prior to use.

Storage: No special measures required.

Handling and storage procedures: Avoid eye contact. Ensure good industrial hygiene and wash skin with soap and water after contact.

SECTION 8: Exposure controls/personal protection

Exposure guidelines

As particulate (UK)

Inhalable dust: (8hr TWA) 4mg/m³ Total dust 10mg/m³.

For MMVF (8hr TWA) values in fibres/ml

UK and Ireland 2, Italy, Spain 1, Austria and Switzerland 0.4, Germany 0.25, Belgium and Portugal 0.

Please refer to local legislation for exposure limits in other countries.

Other Guidelines:

Fibrous glass (fibreglass continuous filament) (65997-17-3)

ACGIH: Inhalable fraction: 4mg/m³ TWA (related to fibrous glass)

Respirable fraction: 1 fibre/ml (related to respirable particulate with fibre-like dimensions-glass shards).

The TLV- Time weighted average-for respirable continuous filament glass fibres are non-respirable. Continuous filament glass products that are chopped, crushed or severely mechanically processed during manufacturing or use may contain a very small amount of respirable particulate, some of which may be glass shards.

Ventilation: N/A

Personal protective equipment:

Respiratory protection: Not required for normal handling

Skin protection: Not required for normal handling.

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Eyes/face protective equipment: Wear safety glasses or goggles as good industrial practise.

Work practises: Use good hygiene practises in handling. Remove material from the skin and eyes after contact. Remove material from clothing using vacuum-never compressed air. Always wash work clothes separately from other clothing. Wipe out the washer or sink to prevent loose glass fibres from getting on other clothing. Keep work areas clean from dusts and fibres released during processing or fabrication. Use vacuum to clean up product. Avoid dry sweeping or using compressed air as these techniques re-suspend dusts and fibres into the air.

SECTION 9. | Physical and chemical properties

Appearance:	White/Off-white solid
Odour:	None
Softening point:	Not determined
Boiling point:	Not determined
Freezing point:	Not determined
Evaporation point:	Not determined
Viscosity:	Not determined
Vapour pressure:	Not determined
pH	Not determined
Solubility in water:	Insoluble
Solubility in organic solvent:	The adhesive layer is soluble in Toluene
Specific gravity:	Not determined
% volatiles	<1.0 at 200°C

SECTION 10. Stability and Reactivity

Stability: Stable at normal temperatures. Store in its original packaging in a cool dry place. Ideal $23 \pm 2^\circ\text{C}$ and $50 \pm 2\%$ relative humidity.

Incompatible materials: None expected.

Hazardous decomposition products: Combustion products are carbon monoxide, carbon dioxide, oxides of nitrogen and small amounts of aliphatic and aromatic hydrocarbons.

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SECTION 11. Toxicological information

Acute toxicity: Dusts may cause mechanical irritation in the eyes and skin. Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. Inhalation may cause coughing, nose and throat irritation and sneezing.

Carcinogenicity: Classified as non carcinogenic.

The international agency for research on cancer (IARC) categorized fiberglass continuous filament as non-classifiable with respect to human carcinogenicity (Group 3). The evidence from human as well as animal studies was evaluated by IARC as insufficient to classify fiberglass continuous filament as a possible, probable, or confirmed cancer causing material.

The American conference of governmental industrial hygienists (ACGIH) established an A4 classification-not classification as a human carcinogen for respirable continuous filament glass fibres (based on 65997-17-3).

SECTION 12. Ecological information

No environmental detrimental effects known

SECTION 13. Disposal considerations

Disposal, recycle or re-use waste material according to local and national requirements.

SECTION 14. Transport information

There are no special transport requirements.

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SECTION 15. Regulatory information

German water class: 1-Slight risk of causing water pollution ozone depleting chemicals: No ozone depleting chemicals are present or used in manufacture.

SECTION 16. Other information

The information given is based on our present knowledge. Currently compliant with CLP, The European Regulation (EC) No 1272/2008.

New information will be given if and when it becomes available.
