

# Safety Data Sheet

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

Trade name: Thermolastic Insulation Tape

Product No: THE-TILR-XX

Version: 4

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Print date:

Revision date: 06/02/2018

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

**Product identifier:** THE-TILR-XX

**Application of the material:** Thermal Insulation  
**Substance name:** Thermolastic Insulation 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):** [rleatherbarrow@culimeta-saveguard.com](mailto:rleatherbarrow@culimeta-saveguard.com)  
**Emergency Telephone No:** 0161 344 2484

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## SECTION 2: Hazards identification

**Appearance and odour:** White/off-white one side with silver coloured aluminium foil on the other.

**Glass fibres**

**Eye contact:** 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 of worsening from exposure to this product.

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## SECTION 3: Composition/information on ingredients

ECR Glass fibres with polyethylene bonded class O aluminium foil one side.

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## SECTION 4: First aid measures

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

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

**Skin contact:** Wash immediately with soap and water. To avoid further irritation do not rub or scratch affected areas.

**Ingestion:** Ingestion is unlikely.

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## SECTION 5: Firefighting measures

**Glass fibres:**

**Classification:** Non-flammable

**Lower/upper flammability limits:** N/A

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

**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 from the polyethylene.

**Store in a cool, dry atmosphere.**

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## SECTION 6: Accidental release measures

Releases of this product to the land, water, and air may require reporting to the local authorities. Refer to local and applicable national regulations.

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

**Water-spill:** This material will sink and disperse along the bottom of waterways and ponds. Glass fibre cannot be easily removed after it has become waterborne; however, the material is non-hazardous in water.

**Air release:** This material will settle out of the air. If concentrated on land it can then be scooped up for disposal as a non-hazardous waste.

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## SECTION 7: Handling and storage

**Storage temperature:** Store below 80°C

**Storage pressure:** N/A

**Handling and storage procedures:** No special procedures are required for this material.

The BCO aluminium foil is bonded with polyethylene.

Store in a cool, dry atmosphere.

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## SECTION 8: Exposure controls/personal protection

**Exposure guidelines for glass fibre:**

**As particulate (UK)**

**Inhalable dust:** (8hr TWA) 4mg/m<sup>3</sup>. Total dust 10mg/m<sup>3</sup>

**Ventilation:** Ventilation should effectively remove and prevent build up of dust generated from the handling of this product. Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

**Personal Protective Equipment:**

**Respiratory Protection:** Use particulate filter respirator such as FFF1/P1 or FFF2/P2 for particulate concentrations exceeding the WEL.

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**Skin protection:** Normal work clothing (long sleeved shirts and long pants) are recommended. Use impervious gloves. Skin irritation is known to occur at the pressure points such as around the neck, wrists, waist and between the fingers.

**Eyes/Face protective equipment:** Wear safety glasses, goggles, or face shield.

**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. 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. Eye wash fountain is recommended.

## SECTION 9. Physical and chemical properties

	<u>Glass fabric</u>	<u>Aluminium</u>
Physical State:	Solid	Solid
Colour:	White	Metallic/silver
Odour:	None	None
Melting point:	1065°C (approx.)	650°C
Adhesive:	120°C	120°C
Density:	2.6	2.7

## SECTION 10. Stability and Reactivity

Stable in normal storage conditions. However, delamination may occur at temperatures above 80°C.

Initial heating should be carried out in a well-ventilated area in case of fuming.

In a sustained fire situation, the polyethylene will burn to give smoke containing unburned carbon, carbon monoxide, carbon dioxide, and water.

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## SECTION 11. Toxicological information

### Glass fibre:

**Acute toxicity:** Dusts may cause mechanical irritation to the eyes and skin. Ingestion may cause transient irritation of the throat, stomach and gastrointestinal tract. Inhalation may cause coughing, nose and throat irritation, and sneezing. High exposures may cause difficulty in breathing, congestion, and chest tightness.

**Chronic toxicity:** No known effects connected to long term use

### Carcinogenicity:

**Fibreglass:** Classified as non-carcinogenic

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## SECTION 12. Ecological information

No environmental detrimental effects known. This material is not expected to harm animals, plants or fish.

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## SECTION 13. Disposal considerations

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

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## SECTION 14. Transport information

No particular laws applicable to this product

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## SECTION 15. Regulatory information

None

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## SECTION 16. Other information

**The information given is based on our present knowledge. New information will be given if and when it becomes available**

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