

Safety Data Sheet

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

Trade name: FireHalt Insulated Fire Barriers

Version: 4

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Revision date: 24/10/2017

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

Application of the material: Fire Barriers

Substance name: FireHalt Insulated Fire Barriers-120/30, 60/30, 30/30 and 120/60

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: Odourless green or white treatment on both sides because the fabric is treated both sides the following risks are significantly reduced. However, they are included for completeness, and are most applicable when the fabric is being cut to shape.

Eye contact: Dust and fibres from the cut fabric may cause mechanical irritation.

Skin contact: Glass fibres may cause itching and short term mechanical irritation.

Ingestion: May cause mechanical irritation from the glass fibres.

Inhalation: Glass fibres may cause irritation of the nose, throat and respiratory tract.

Avoid inhaling fine dust particles or fumes.

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

Treated Aluminium Borosilicate 'E' glass fabric. Organic treatment on both sides of facing fabrics

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 15min. 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

Classification: Glass fibre is non-flammable

Extinguishing media: Dry chemical, foam, carbon dioxide, water

Unusual fire and explosion habits: None known

Firefighting 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: In a sustained fire situation the coating will burn to form carbon monoxide, carbon dioxide, hydrocarbons, nitrogen and Halogen based gases. Other undetermined compounds could be released in small quantities.

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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. It can not easily be removed after it is 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.

SECTION 7: Handling and storage

Storage temperature: <120°C

Storage pressure: N/A

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

SECTION 8: Exposure controls/personal protection

Exposure guidelines: As particulate (UK)

Inhalable dust: (8hr TWA) 5mg/m³. Total dust 10mg/m³

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

UK and Ireland 2, Italy, Spain 1, Austria and Switzerland 0.5, 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: (5) mg/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: 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

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Personal protective equipment to be worn whenever the fabric is being cut to expose loose glass fibre filaments, otherwise the effects are significantly reduced because the fabric is coated both sides.

Respiratory protection: Use particulate filter respirator such as FFF1/P1 or FFF1/P2 for particulate concentrations exceeding the OEL

Skin protection: Normal work clothing (long sleeve shirts and long trousers) 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. 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 and 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 and emergency showers are recommended. The product may contain traces of retained toluene, the maximum level for airborne concentration is 100PPM.

SECTION 9. | Physical and chemical properties

Appearance: Green or white facing fabrics with multiple layers of aluminium Foils and a glass fibre needlemat core.

Odour: None from fully cured product

Softening point glass fibre: 830-870°C Liquid temperature: 1065°C

Boiling point: N/A Freezing point: N/A

Evaporation point: N/A Viscosity: N/A

Vapour pressure: N/A pH: N/A

Solubility in water: Insoluble

Specific Gravity: 2.6

SECTION 10. Stability and Reactivity

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This is a stable material

Conditions to avoid: None expected

Incompatible materials: None expected

Hazardous decomposition products: Primary combustion products are carbon monoxide, carbon dioxide and water. Other undetermined products could be released in small quantities

Hazardous polymerization: Will not occur

SECTION 11. Toxicological information

Acute toxicity: Glass fibre dusts may cause mechanical irritation to 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. High exposures may cause difficulty in breathing, congestion and chest tightness.

Chronic toxicity: No known effects connected to long term use or contact.

Carcinogenicity:

Fibreglass continuous filament: Classified as non-carcinogenic.

The international agency for research on cancer (IARC) categorized fibreglass 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 fibreglass continuous filament as possible, probable, or confirmed cancer causing material. The American conference of governmental industrial hygienists (ACGIH) established an A4 classification not classifiable as a human carcinogen for respirable continuous filament glass fibres (based on 65997-17-3).

SECTION 12. Ecological information

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

ODP Values. No ozone depleting substances (CFCs, HCFCs, HBFCs and halons Or their substitutes HFCs, HCs and PFCs) have been identified in the finished product or associated with the specific manufacturing process

SECTION 13. Disposal considerations

Consult local authorities before disposing of waste material. Dispose, recycle

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Or re-use waste material according to local and national requirements.

SECTION 14. Transport information

There are no special transport requirements

SECTION 15. Regulatory information

Government regulations: Not classified as a dangerous substance under EU directive 88/379/EEC

EEC labelling: Not required to be labelled under directives 88/379EEC, 67/548/EEC, annex 1, and 97/69/EC

SECTION 16. Other information

The information given is based on our present knowledge.

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

This safety data sheet conforms to EU directive 91/155/EEC, as amended 93/112/EC