

Product Name: FIREFLY® Collaroll / Timberwrap

Revision Date: 29/05/2023

Version: 11

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name: FIREFLY® Collaroll / Timberwrap

1.2 Relevant identified uses of the substance or mixture and advises against

Identified uses: Flexible fire barrier used as part of the FIREFLY passive fire protection system. Also used as cover for downlight, luminaire, LED, circular and air-conditioning units.

1.3 Details of the supplier of the safety data sheet

Address

TBA Protective Technologies Ltd
Unit 3, Transpennine Industrial Estate Gorrells Way
Rochdale
Lancashire, OL11 2PX

Email: info@tba-pt.com

1.4 Emergency Telephone Number:

+44 (0)1706 647 422

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or the mixture

Classification according to Regulation (EC) No 1272/2008:

Not applicable. This product is not classified under the European Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP) and its subsequent amendments.

2.2 Label elements

Hazard Pictograms:	Not applicable
Signal Word:	Not applicable
Hazard Statements:	Not applicable
Precautionary Statements:	Not applicable

2.3 Other Hazards

Physical / Chemical Hazards:

Users should be aware that the product is manufactured from materials that have the potential to cause irritation of the skin, and less frequently, irritation of the eyes, nose or throat.

Health Hazards:

If dust is generated, it may cause temporary irritation or rash on skin. It may also cause temporary irritation or inflammation on eye contact. The products do not constitute a respirable hazard. inflammation on eye contact. The products do not constitute a respirable hazard.

Environmental Hazards:

No significant hazards. Material does not meet the criteria for PBT or vPvB in accordance with REACH Annex III.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not Applicable. This material is regulated as an mixture.

3.2 Mixtures

This material is defined as a mixture

Description of Mixture:

Woven glass fibre fabric with a fire resistant finish.

Hazardous ingredients

Not applicable.

4. FIRST AID MEASURES

4.1 Description of first aid measures

Skin: Wash affected areas with soap and cold water (Do not use warm water as this will open up the pores and cause further penetration of the fibres). Do not rub or scratch affected areas. Remove contaminated clothing.

Ingestion: Drink plenty of water if accidentally ingested

Eyes: Flush eyes with copious amounts of water for at least 15 minutes

Inhalation: Remove to fresh air.

Other first aid information: In all cases, if symptomus persists seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

When in contact with skin, the mechanical effects of the fibre might cause temporary itching.

4.3 Indication of any immediate medical attention and special treatment needed

The need to have special means for providing specific and immediate medical treatment available in the workplace is not expected.

5. FIREFIGHTING MEASURES

The materials are inherently flame resistant.

5.1 Extinguishing media

Suitable extinguishing media: All standard firefighting media (water, dry chemical, CO2 and foam)

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: Carbon monoxide, carbon dioxide, hydrogen and other undetermined compounds could be released in small quantities from the carbonised fibre dressings and finishes.

5.3 Advice for firefighters

Special fire fighting procedures: In large fires, wear self-contained respiratory protective device.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

If these products are rendered friable (e.g. fire damaged), personal protective equipment should be used for clean-up and containment activities.

6.2 Environmental precautions

Not applicable.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up: Clean-up mechanically and dispose off as per Section 13.

6.4 Reference to other sections:

Refer to Section 7 for safe handling, Section 8 for personal protection and Section 13 for Waste disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Cutting and installation of these products may release a small amount of fibre/dust, especially when using high speed electric drills. Best working practices should be adopted to minimise and contain any particulates released. Wear an approved mask or respirator if dust concentration exceeds local control limits or dust concentration is not known. Accumulated dust should be removed using the safest practicable method, preferably by high efficiency particulate air (HEPA) filtered vacuum collection or wet cleaning.

7.2 Conditions for safe storage, including any incompatibilities

Store in original wrappings, out of direct sunlight and in a dry location.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Exposure controls for hazardous components:

Substance	Occupational Exposure limit		Notations
	8 hr LTEL (mgm ⁻³)	15 min STEL (mgm ⁻³)	
Man-made mineral fibres (MMMMF)	5	Not applicable	2 fibres/ml
Dust (inhalable)	10	Not applicable	Not applicable
Dust (respirable) if inhalable dust exceeds or equals 10 mg/m ³	4	Not applicable	Not applicable

where:

LTEL: Long-term exposure limit – 8 hour time weighted average

STEL Short-term exposure limit – 15 mins time weighted average

8.2 Exposure controls

Provide local exhaust and/or general ventilation. Should this not be practicable, it is recommended that Respiratory Protective Equipment (RPE) is employed to eliminate the possibility of inhalation exposure.

Personal Protection: Personal protective equipment is recommended, especially when material is cut into.

Respiratory: Wearing appropriate face mask.

Skin/Hand: Protective overalls of a closely woven structure should be worn along with gloves, arm cuffs and barrier creams.

Eye: Safety glasses with side shields should always be worn to prevent glass fibres entering the eye.

Hygiene: Wash hands (with plenty of cold water) before breaks and immediately after handling products.

Remove contaminated clothing. When using these products do not eat, drink or smoke.

Environmental controls

Not applicable.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Fabricated item available in various colours.

Colour: Various (green, orange or white).

Melting point/Melting range: Mineral Fibre > 1600°C.

Boiling point/Boiling range: Not applicable.

Odour: None

Specific gravity: Not applicable.

Flashpoint: Not applicable.

Auto ignition temperature: Not applicable.

10. STABILITY AND REACTIVITY

10.1 Reactivity

The products are stable and un-reactive under normal conditions of use.

10.2 Chemical stability

The products are stable and un-reactive under normal conditions of use.

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid

None expected.

10.5 Incompatible materials

None.

10.6 Hazardous decomposition products

None in normal conditions of use.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Skin corrosion/irritation: Glass fibres may cause irritation and reddening of the skin

Serious eye damage/eye irritation: Mechanical irritant to eyes.

Respiratory sensitisation: Dust could cause irritation to the upper respiratory tract. Effects from such exposures are usually transitory leaving no permanent damage.

Carcinogenicity: Continuous glass filament is not classified as a carcinogen – Group 3 IARC)

Ingestion Hazard: Ingestion is not generally classed as an applicable route to exposure for fabrics made from continuous filament glass fibres.

12. ECOLOGICAL INFORMATION

No known harmful effects on the environment.

13. WASTE DISPOSAL

Dispose as solid waste according to local regulations.

14. TRANSPORT INFORMATION

No special requirements. This product is not covered by international regulations on the transport of dangerous goods.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No labelling is required for this material under the European Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP) and its subsequent amendments.

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV None of the components are listed.

Substances of very high concern None of the components are listed.

* Health & Safety Executive Guidance Note EH 40/2005 Workplace Exposure Limits – second edition published 2011.

* EH40/2005: MMMF, Page 23.

* EH40/2005: Para 44, Page 33 (Dust of any kind when present at a concentration in air equal or greater than 10mg.m⁻³ 8- hour TWA of respirable dust).

* IARC Monographs on the evaluation of Carcinogenic Risks to humans – Volume 81 Man Made Vitreous Fibres (Published 2002).

* Health & Safety Executive Guidance Note HSG53 (Fourth edition, published 2013): Respiratory Protective Equipment At Work – A practical Guide.

* EC Reach Directive requires a SDS to be supplied for finished articles only in those instances in which the article contain a substance (or substances) of Very High Concern (SVHC) at a content greater than 0.1%.

15.2 Chemical Safety Assessment: Not applicable

16. OTHER INFORMATION

History:

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Prepared by: MA & KG

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Disclaimer

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by us, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products. TBA Protective Technologies Ltd shall not be held responsible for any defect in the product covered by this SDS should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.