

PROTECH GM PROTECTION FLEECE

GAS PROTECTION

I. Product and Company Identification

Product Name

Protech GM Protection Fleece

Supplier

A. Proctor Group

The Haugh

Blairgowrie

Perthshire

PH10 7ER

Tel: 01250 872727

Email: contact@proctorgroup.com

2. Composition/Information on the components

Substance:

Chemical Nature: Polypropylene homopolymer; with process stabilisers, pigments and UV stabiliser; and treated with a spin finish lubricant.

CAS Number: 9003-07-0

Further information: Semi Processed polymer

3. Hazards identification

Most important hazards:

Adverse human health effects: No specific risk when handled in accordance with good occupational hygiene and safety practice.

Further Data: Risk of thermal burns on contact with molten product.
Toxic gasses will form upon combustion (see section 10)

Physical and Chemical hazards:

Further Hazards: No Specific hazard under normal conditions of use.

Classification/Specific hazards: According to EEC criteria, this product is not classified as a hazardous substance.

4. First aid measures

Inhalation: In the case of inhalation of thermal decomposition products from burning material, remove patient from exposure and obtain immediate medical attention.

Skin contact: In the case of sensitive skin being degreased by repeated handling, through washing and use of barrier cream in future is recommended. Where soreness persists, seek medical advice.
In the event of a fire, molten product may cause thermal burns. In this case:-
- Rinse with plenty of water. DO NOT remove clothing (since it may stick to the skin).
- Call a doctor immediately.

Eye contact: Not specifically applicable

Ingestion: Not specifically applicable

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5. Fire-fighting measures**Extinguishing media:**

Suitable: All extinguishing agents can be used (water, foam, powders, carbon dioxide, sand).

Not suitable: None. If there is a fire close by, use suitable extinguishing agents.

Specific hazards: Combustible product; melts on heating. Risk of fire spreading due to the flow of liquid which is already alight. During combustion; harmful or toxic vapours are released.

Specific fire fighting methods: Cool the molten product.

Protection of fire-fighters: Self contained breathing apparatus and suitable protective clothing.

6. Accidental release measures

Personal precautions: Not specifically applicable.

Environmental precautions: This product does not present any particular risk to the environment.

Methods for cleaning up:

Recovery: Not specifically applicable.

Cleaning/ Decontamination: Not specifically applicable.

7. Handling and storage**Handling**

Technical measures: Does not require any specific or particular measures.

Safe handling advice: Use slings where provided. Product weights are given on roll tickets. Use equipment appropriate to weight and dimensions.

STORAGE

Technical Measures: Does not require any specific measures.

Storage conditions:**Recommended:**

Store:

- away from any flames

- Protected from bad weather conditions.

- Product can stored outdoors in its original packaging.

8. Exposure controls/ Personal protection

Engineering measures: No specific measures are required provided that the product is handled in accordance with the general rules of occupational hygiene and safety.

Personal protective equipment:

Skin and body protection: No specific/particular action is required for this product. Comply with good occupational hygiene practice

9. Physical and chemical properties**Appearance:****Physical state:**

Solid.

Form:

Nonwoven Fabric

Colour:

Black

Odour:

Negligible

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pH: Not applicable.
Specific Gravity: 0.9g/cm³

Specific temperatures:
Melting: Melting range: 160- 165C
Decomposing temperature: >350C

Flammability Characteristics:
Flash Point: >300C
Auto-ignition temperature: >300C
Oxidising Properties: Non oxidising material according to EEC criteria.
Solubility:
In water: Insoluble.
In organic solvents: Insoluble in common organic solvents.

10. Stability and reactivity

Stability: Stable under normal conditions of use.
Hazardous reactions:
Conditions to avoid: No dangerous reactions known under normal conditions of use.
Hazardous decomposition: On combustion or on thermal decomposition (pyrolysis) releases toxic gases. (Carbon monoxide, carbon dioxide, low molecular weight alcohols/alehydes and acids).

11. Toxicological information

Polypropylene is a relatively inert polymer and adverse effects are not to be expected.

The product contain small percentages of additives, and stabilisers, which themselves are only moderately toxic with oral LD50 values above 900 mg/kg of body weight. These additives are diluted and encapsulated during the fibre manufacturing process and do not present any hazard in the final fabric. Therefore:

Inhalation: Unlikely to be hazardous unless heated to decomposition temperature. Combustion products may be irritant.
Skin Contact: Sensitive skins may be degreased by repeated handling.
Eye contact: May cause physical abrasion when in direct contact with eyes.
Ingestion: Highly unlikely in normal use.
Long term exposure: Chronic effects unlikely.

12. Ecological information

Behaviour in the environment:
Persistence/Durability: Will oxidise extremely slowly. Predicted lifetime > 150 years.
Further information on persistence: Product generally persists in the soil.
Destination of the Product: Ultimate destination of the product: SOIL.

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13. Disposal Considerations

Waste from Residues:

Destruction/Disposal:

Recycle waste product as much as possible.

Non recycled product:

-Disposal of in accordance with relevant local regulations.

-May be disposed of with non hazardous industrial waste.

-Incinerate at a licensed installation.

-Like many other lubricants and adhesives, textile oils generally dissolve in aqueous media.

Contaminated Packaging:

Decontamination/Cleaning:

Not applicable.

Destruction/ Disposal:

Depending on local facilities recycle the packaging, or incinerate it at an approved site.

14. Transport Information

International Regulations:

Land:

Rail/Road (RID/ADR):

NOT restricted

Sea (IMO/IMDG):

NOT restricted

Air (ICAO/IATA):

NOT restricted

NOTE:

The above regulatory prescriptions are those valid on the date of publication of this sheet.

15. Regulatory information

Labelling:

EEC Regulations:

Mandatory labelling (prescribed) of hazardous substances: Not applicable.

NOTE:

The regulatory information given above only indicates the principle regulations specifically applicable to the product described in the safety data sheet.

The users attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

Note: The information given is based on our knowledge of the product at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions necessary in handling this product. The aim of the mandatory regulations mentioned is to help fulfil his obligations regarding the use of hazardous products. This information does not exonerate the user from ensuring the legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.



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