

FM1 Breather

1. PRODUCT IDENTIFICATION:	Product Name:	FM1 (Polyester Needlefelt for Filtration)
2. HAZARDS IDENTIFICATION:	Hazard designation:	Non-hazardous according to SGS regulations
	Particular dangers to man & environment:	None
3. COMPOSITION/ INFORMATION ON INGREDIENTS:	Chemical composition:	Textile product made from polyethylene terephthalate (polyester) fibre and/or filament
	Description:	Fibrous needled felt
4. FIRST AID MEASURES:	General information:	No Specific risk under normal conditions of use.
	After inhalation:	Not applicable
	After skin contact:	Not normally applicable. However, the molten product may cause burns. Wash affected area with cold water. DO NOT remove clothing or solidified polymer but seek immediate medical attention.
	After eye contact:	Not applicable
	After swallowing:	Not applicable
5. FIRE FIGHTING MEASURES:	Suitable extinguishing agents:	Use any extinguisher, water, foam, dry powder, carbon dioxide, sand.
	Specific hazards resulting from products of combustion:	Toxic decomposition products of NOx may be emitted.
	Protective equipment:	Wear self contained breathing apparatus.
6. ACCIDENTAL RELEASE MEASURES:	Person related safety precautions:	No special precautions necessary.
	Measures for environmental protection:	No special precautions necessary.
	Measures for cleaning/collecting:	Pick up, sweep up, or vacuum clean the area.
7. HANDLING & STORAGE:	Information for safe handling:	Packages may be heavy. Suitable lifting equipment should be used by suitably trained persons. No special precautions under normal conditions of use.
	Protection against fires:	Store away from sources of ignition.
	Requirements for storage:	Store in a dry place.
8. EXPOSURE CONTROLS & PERSONAL PROTECTION:	Components with critical values which require monitoring:	
	Personal protective equipment:	Not normally required
	Hygiene measures:	Follow normal good practice
	Breathing equipment:	Not required under normal conditions of use.
	Protection of hands:	Not normally required. Wash hands before handling food.
	Eye protection:	Not normally required
	Body protection:	Not normally required.

9 PHYSICAL & CHEMICAL PROPERTIES:
General Information

Form: Solid fibrous
Colour: White semi dull
Smell: Negligible
Melting point: 223°C
Ignition point: N/A
Flash point: N/A
Solubility: Practically insoluble in water and most organic solvents.
 Soluble in hot phenols, cresols, formic acid and sulphuric acid.
Other properties: Burns only in contact with a flame.
 The product does not self ignite and is self extinguishing
 Poor conductor of electricity, but can build static.

10. STABILITY & REACTIVITY:

Thermal decomposition: Stable under normal conditions of use.
Hazardous products arising from decomposition: No known hazardous reactions
 Toxic fumes of nitrogen oxides, carbon dioxide, carbon monoxide and CNH are produced when heated to decomposition temperature.

11. TOXICOLOGICAL INFORMATION:

Acute toxicity: Not applicable
General: No toxicological effects under normal conditions of use.

12. ECOLOGICAL INFORMATION:

Durability/biodegradability: Durable product with low biodegradability.
Toxicity in water: N/A

13. DISPOSAL CONSIDERATIONS:

Recommendations: Recycle or dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION:

Transport by Land: No specific requirements.
Transport by Air: No specific requirements.
 Does not belong to dangerous goods according to transport regulations.

15. REGULATORY INFORMATION:

Designation according to SGS guidelines: Not regulated by SGS Directives.

16. OTHER INFORMATION:

Product Application: Textiles
Relevant R Phrases: Not applicable
Relevant S Phrases: Not applicable

This information is furnished without warranty, express or implied. This information is believed to be accurate to the best knowledge of BFM® Global Ltd. The information in this MSDS relates only to the specific material designated herein. BFM® Global Ltd assumes no legal responsibility for use of or reliance upon the information in this MSDS.