

Material Safety Data Sheet

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Issue Date: 2019-12 Version No.: V0

Product Code: M9004

Product Description: 25gsm Meltblown BFE 99

General Application: Filtration for face mask

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredient

Components	Percent by Weight	CAS No
Polypropylene	>99%	9003-07-0
Other Additives	<1%	Mixture

Health hazardous components classified according to the ECC 67/548: None

SECTION 3 - HAZARDS IDENTIFICATION

Health Effects:

Eyes: None known.

Skin: None known.

Inhalation: N.A.

Ingestion: N.A.

SECTION 4 - FIRST AID MEASURES

First Aid Procedures:

General: In all case of doubt or when symptoms persist, seek medical attention.

Eyes: If irritation occurs, immediately flush eyes with copious amounts of running water for at least 15 minutes, if necessary contact a physician.

Skin: Wash thoroughly after handling, if irritation persists, seek medical attention.

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Inhalation: N.A.

Ingestion: N.A.

SECTION 5 – FIRE FIGHTING MEASURES

Fire Extinguishing Media	Water, Carbon Dioxide, Dry Chemical
Special Fire Fighting Procedures	None
Unusual Fire & Explosion Hazards	None known; expected to be similar to ordinary combustible materials.
Hazardous Combustion Products	Carbon dioxide, carbon monoxide and irritating smoke may be produced

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: N.A.

SECTION 7 - HANDLING AND STORAGE

General Notes:

--Avoid humidity, sunlight, and temperature have an influence on the way the product behaves during storage and handling.

--Do not handle and store near flame, sources of heat or sources of ignition.

--Protect material from direct sunlight.

-- Avoid storing near strong oxidizers

-- Use caution when stacking to avoid unstable conditions.

Handling: No special measures required for safety handling

Follow normal industrial hygiene standards.

Storage: Store in a sprinklered warehouse.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Maximum Concentration: N.A.

Eye Protection: None required when used as intended.

Gloves: None required when used as intended.

Respiratory: None required.

Ventilation: None required.

Other: N.A.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Fabric
Color:	White
Odor:	Odorless
Melting Point:	About 160-170°C
Boiling Point:	N.A.
Vapor Pressure:	N.A.
Flash Point:	N.A.
Solubility in Water:	N.A.
PH value:	N.A.
Molecular Formula:	$\begin{array}{c} \text{CH}_3 \\ \\ \text{[CH -CH}_2\text{]}_n \end{array}$
Viscosity:	N.A.
Evaporation Rate:	N.A.
Explosion Hazard:	None

SECTION 10 - STABILITY AND REACTIVITY

General Reactivity:	Stable
Incompatibility (Materials to Avoid):	Strong oxidizing agents.
Hazardous Decomposition Products:	Carbon dioxide(CO ₂) and carbon monoxide(CO) may be generated during thermal decomposition and combustion. Material does not decompose under ambient temperatures
Hazardous Polymerization:	Will not occur
Conditions to Avoid Instability:	Temperature above 100°C may cause degradation.

SECTION 11 - TOXICOLOGICAL INFORMATION

Eye Effects:	This product is not expected to cause significant irritation to the eyes.
Skin Effects:	This product is not expected to cause significant irritation to the skin.
Sensitization:	This product is not expected to be a Skin sensitizer.

Based on the Cytotoxicity study and Skin Irritation & Sensitization study on similar products, the material is considered non-cytotoxic and no irritation and sensitization effects detected by the method used in the study.

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SECTION 12 - ECOLOGICAL INFORMATION

No experimental ecological data are available on the preparation as such

SECTION 13 - DISPOSAL CONSIDERATION

Waste Disposal Methods:

Dispose in accordance with local regulations. Be aware that state and local requirements may differ widely depending on location.

SECTION 14 - TRANSPORTATION INFORMATION

Hazard Classification

ADR/RID	Not regulated.
IMO/IMDG	Not regulated.
ICAO/LATA	Not regulated.

SECTION 15 - REGULATORY INFORMATION

OSHA:

This MSDS is provided to comply with provisions of the Hazard Communication Standard (29 CFR 1910.1200).

GOVERNING DIRECTIVE:

Dangerous Substances Directive 67/548/EC ,as amended

SECTION 16 - OTHER INFORMATION

Information contained in this MSDS is based on information or tests which we believe to be reliable on our best present state of knowledge, However, nothing contained in this information is to be taken as a representation, guarantee, or warranty, for which LIANYUNGANG BOULDER INDUSTRIAL CO., LTD bears legal responsibility. This information only concerns the above mentioned product and does not need to be valid if used with other product(s) or in any process. It is the user's own responsibility to make sure that the information is appropriate and complete for their particular use of their product.