

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **MASTER FIBER**

Company: BASF South East Asia Pte Ltd
Address: 33 Tuas Avenue 11
Singapore 639090

Telephone number: +65 6861 6766
Facsimile: +65 6861 3186

Emergency telephone numbers: +65 6861 6766

2. HAZARDS IDENTIFICATION

Safety hazards: Not known

Health hazards: Not known to cause any long-term health hazards. May cause irritation on the short term for skin and eye contacts.

Environmental hazards: See section 12.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Fibrillated Polypropylene Fibers

Hazardous Ingredients: Polypropylene

CAS No: 90003.07.0

Hazard symbols: n.a.

R-phrases: n.a.

% Concentration: 100%

4. FIRST AID MEASURES

Ingestion: Material is biologically inert. Rinse mouth with water. Give plenty of water to drink. Seek medical advice.

Eyes: While holding eyes open, gently flood with plenty of fresh water for 15 minutes. If irritation persists or recurs seek medical attention. Skilled personnel should only undertake removal of contact lenses after an eye injury.

Skin: Wash with soap and water. Remove contaminated clothing. If molten material should contact the skin and adhere, cool quickly with running water. Do NOT attempt to remove. Seek medical advice.

Inhalation: n.a.

First aid facilities: Ensure availability of clean water for eye/skin wash.

Advice to doctor: Treat symptomatically.

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5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Water spray, foam, CO₂, dry powder.
Hazards from combustion products: At elevated temperatures the product will decompose and give off toxic fumes.
Precautions and equipment for fire fighters: Wear self-contained breathing apparatus in enclosed areas.

6. ACCIDENTAL RELEASE MEASURES

Methods for clean up / collecting: Removed and shovel into closed container for disposal. Observe local regulation.
Environmental precautions: Prevent discharge into drains, sewers and waterways.
Personal precautions: Wear appropriate personal protection such as dust respirator and rubber gloves and ensure adequate ventilation.

7. HANDLING AND STORAGE

Conditions for safe storage

Location: Store in original containers in a cool dry place.
Temperature conditions: 5 to 35°C
Protection from weather: Store undercover and away from frost.
Storage incompatibilities: n.a
Handling: Keep containers securely sealed and protected against physical damage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards: Not available
Engineering controls: Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.
Technical measures: Place the bag directly into the ready mixed truck or central mixer and mix as normal in accordance with mixers manufacturer's requirements.
Personal Protective Equipment
Respiratory protection: Use respiratory equipment in accordance to local safety requirements.
Glove type (AS2161): Wear rubber gloves or suitable protective creams.
Eye protection: Wear safety glasses that comply with local standards.
Clothing: Wear overalls or other suitable protective clothing.
Other: Use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid (Fibers).
Colour:	White.
Odour:	None.
Freezing temperature (°C):	n.a.
Boiling point (°C):	n.a.
Melting point (°C):	162.3
Ignition temperature (°C):	>350
Specific gravity:	Approx. 0.9gml ⁻¹
Flash point (°C):	n.a.
Flammability limits (%):	UEL – n.a LEL – n.a
Solubility:	Not soluble in water
pH:	n.a.
Thermal Conductivity:	Low
Electrical Conductivity:	Low
Youngs Modulus:	3.5kNmm ⁻²

10. STABILITY AND REACTIVITY

Hazard of use/storage:	Stable under normal storage and application temperature.
Hazardous reactions (conditions to avoid):	Avoid elevated temperatures and source of ignition.
Hazardous decomposition products:	None under normal storage and use temperatures. The product is a combustible solid and will burn if involved in a fire but not considered to be a significant fire risk. Will decompose at high temperatures and produce toxic fumes.

11. TOXICOLOGICAL INFORMATION

Acute

Ingestion:	n.d.
Eye:	n.d.
Skin:	n.d.
Inhalation:	n.d.

Chronic: There have been no reports in the literature of health effects in workers arising from long term exposure to this material and no comprehensive human studies have been conducted.

12. ECOLOGICAL INFORMATION

Ecology: n.d.

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13. DISPOSAL CONSIDERATIONS

Disposal Methods

State/Territory authority:	Dispose in accordance with all local and governmental regulations.
Dispose – Secure landfill:	Yes.
Dispose – High temp incinerator:	No
Precautions for clean up crew:	n.a.

14. TRANSPORT INFORMATION

UN number:	n.a.
Dangerous goods class:	n.a.
Subsidiary risk:	n.a.
EPG card:	n.a.
Shipping name:	n.a.
Packing group:	n.a.
Poisons schedule:	n.a.
Hazchem code:	n.a.

15. REGULATORY INFORMATION

Classification:	Non-hazardous.
Hazard labels:	Non required.
Risk phrase(s):	n.a
Safety phrase(s):	n.a.

16. OTHER INFORMATION

Key:

n.a. = not applicable

n.as. = not assigned

n.d. = no data

Reason for Issue: New format based on National Code of Practice for the preparation of MSDS – 2nd edition [NOHSC:2011(2003)]. Change of company name.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.