

Safety Data Sheet

MasterFiber F100

Revision date : 2009/11/02
Version: 1.0

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(30465286/SDS_GEN_US/EN)

1. Product and Company Identification

Company
BASF Construction Chemicals
100 Campus Drive
Florham Park, NJ 07932

24 Hour Emergency Response Information
CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP

2. Hazards Identification

Emergency overview

CAUTION:
Contact with the eyes or skin may cause mechanical irritation.
Avoid contact with the skin, eyes and clothing.
Avoid inhalation of dusts.
Wear protective clothing.
Wear a NIOSH-certified (or equivalent) particulate respirator.

State of matter: solid
Colour: unspecified
Odour: odourless

Potential health effects

Primary routes of exposure:

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Acute toxicity:

No data available.

Irritation / corrosion:

Mechanical irritation effects from dust exposure are possible at ambient temperature. Mechanical rubbing may increase skin irritation.

Potential environmental effects

Aquatic toxicity:

At the present state of knowledge, no negative ecological effects are expected. There is a high probability that the product is not acutely harmful to aquatic organisms. The product has not been tested. The statement has been derived from products of a similar structure and composition.

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3. Composition / Information on Ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
	100.0 %	Proprietary polyolefin concrete fiber

4. First-Aid Measures

General advice:

First aid personnel should pay attention to their own safety.

If inhaled:

Remove victim to fresh air and away from exposure immediately. If not breathing, give artificial respiration. Seek medical attention.

If on skin:

Remove contaminated clothing. Wash skin with soap and water, rinse abundantly. If large slivers or particles penetrate skin, get medical attention. If symptoms persist, seek medical advice.

If swallowed:

Do not induce vomiting unless told to by a poison control center or doctor. If large quantities are ingested, seek medical advice.

5. Fire-Fighting Measures

Self-ignition temperature: 593 °C

Suitable extinguishing media:

carbon dioxide, dry extinguishing media, foam, water fog

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

Copious amounts of water may be used to cool exposures. Dust can form an explosive mixture with air. In case of combustion evolution of toxic gases/vapours possible.

6. Accidental release measures

Personal precautions:

Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

Environmental precautions:

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Cleanup:

Sweep/shovel up. Place into suitable containers for reuse or disposal in a licensed facility. Dispose of in accordance with national, state and local regulations.

7. Handling and Storage

Handling

General advice:

Ensure thorough ventilation of stores and work areas.

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Protection against fire and explosion:

Avoid dust formation. Dust can form an explosive mixture with air.

Storage

General advice:

Avoid dust formation, product dust can form an explosive mixture with air.

Storage stability:

Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.

8. Exposure Controls and Personal Protection

Advice on system design:

Provide local exhaust ventilation to maintain recommended P.E.L.

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) respirator as necessary.

Hand protection:

Protective glove selection must be based on the user's assessment of the workplace hazards.

Eye protection:

Safety glasses with side-shields.

Body protection:

Body protection must be chosen based on level of activity and exposure.

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Food, beverages, and tobacco products shall not be carried, stored, or consumed where this material is in use. Hands and/or face should be washed before breaks and at the end of the shift. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Form:	fibers	
Odour:	odourless	
Colour:	unspecified	
pH value:		not applicable
Melting point:	162 °C	
Boiling point:		not applicable
Vapour pressure:		not applicable
Bulk density:	910 kg/m ³	(20 °C)
Partitioning coefficient n-octanol/water (log Pow):		not applicable
Solubility in water:		not soluble

10. Stability and Reactivity

Hazardous reactions:

The product is stable if stored and handled as prescribed/indicated.

Thermal decomposition:

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No decomposition if stored and handled as prescribed/indicated.

Oxidizing properties:

Based on its structural properties the product is not classified as oxidizing.

11. Toxicological information

Other Information:

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.

12. Ecological Information

Other adverse effects:

Ecological data are not available.

13. Disposal considerations

Waste disposal of substance:

Dispose of in accordance with national, state and local regulations. Recommendations: Use excess product in an alternate beneficial application.

14. Transport Information

Land transport

USDOT

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory Information

Federal Regulations

Registration status:

Chemical TSCA, US released / listed

OSHA hazard category: Not hazardous;

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EPCRA 311/312 (Hazard categories):

Not hazardous;

16. Other Information

HMIS III rating

Health: 0 Flammability: 1 Physical hazard: 0

NFPA and HMIS use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates extreme danger. Although similar, the two rating systems are intended for different purposes, and use different criteria. The NFPA system was developed to provide an on-the-spot alert to the hazards of a material, and their severity, to emergency responders. The HMIS system was designed to communicate workplace hazard information to employees who handle hazardous chemicals.

BASF supports worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

Local Contact Information

BASF Construction Chemicals
bcc_prps@basf.com

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