

MATERIAL SAFETY DATA SHEET

SECTION I – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

IDENTITY: (As used on label and list)

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

GRAPHITE FOIL

Manufacturer's Name/Address/Phone #:

Emergency Telephone #: INFOTRAC (800) 535-5053

**FIBER MATERIALS, INC.
5 MORIN STREET
BIDDEFORD, ME 04005-4497
(207) 282-5911 MON-FRI 8:00-5:00**

Date Originally Prepared: 11/6/89

Revision Date: 11/2005

SECTION II – HAZARDOUS INGREDIENTS

Hazardous Components:

(Spec. Chemical Identity;

Common Name(s):

CAS #:

OSHA

PEL:

ACGIH

TLV:

Other Limits

Recommended:

%

Optional:

Expanded Purified Natural Graphite

2.5 mg/m³

2.5 mg/m³

(Respirable dust)

SECTION III – PHYSICAL/AND CHEMICAL PROPERTIES

Boiling Point:

N/A

Specific Gravity (H₂O=1):

2.0

Vapor Pressure (MM Hg.):

N/A

Melting Point:

N/A

Vapor Density: (Air = 1)

N/A

Evaporation Rate:

N/A

(Butyl Acetate=1)

Solubility in Water: Insoluble

Appearance and odor: Gray sheet with no odor.

SECTION IV – FIRE/FIRE FIGHTING MEASURES

Flash Point (Method Used): N/A

Flammable Limits: N/A

UEL: N/A **LEL:** N/A

Extinguishing Media: Bulk material will not support combustion; dusts, however are combustible, and are extinguished with water.

Special Fire Fighting Procedures: None

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Protective Gloves: Recommended

Eye Protection: Goggles/Safety glasses

Other Protective Clothing or Equipment: Sensitive individuals should wear protective gloves. Protective coveralls may be necessary in atmospheres with high dust concentrations.

Work/Hygienic Practices: Wash hands thoroughly before eating, drinking or smoking.

SECTION IX – HEALTH HAZARDS IDENTIFICATION, INCLUDING EMERGENCY OVERVIEW

Route(s) of Entry:	Inhalation	X	Skin	X	Ingestion	X
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Health Hazards (Acute and Chronic): There are no known adverse health effects associated with the normal use of this bulk material. Overexposures to graphite dust, however, may result in effects through the following routes of entry:

- INHALATION:** Mucous membranes and respiratory irritation.
- SKIN CONTACT:** Irritation to skin of sensitive persons.
- EYE CONTACT:** Irritation.
- INGESTION:** No known hazard.

Effects of Chronic Overexposure: There are no known adverse health effects associated with the normal use of this bulk material. However, inhalation of high concentrations of graphite dust over prolonged periods of time have resulted in Pulmonary Fibrosis and Emphysema.

Carcinogenicity: N/A

Signs and Symptoms of Exposure:

- INHALATION:** Mucous membranes and respiratory irritation.
- SKIN CONTACT:** Irritation to skin of sensitive persons.
- EYE CONTACT:** Irritation.
- INGESTION:** No known hazard.

Medical Conditions Generally Aggravated by Exposure: Pre-existing pulmonary disorders may be aggravated by overexposures to high concentrations of graphite dust.

SECTION X – ACCIDENTAL RELEASE MEASURES

Use filtered vacuum cleaner or wet sweeping methods to collect loose material. Avoid generating airborne particles during cleanup operations.

SECTION XI – TOXICOLOGICAL INFORMATION

No applicable information has been found.

SECTION XII – ECOLOGICAL INFORMATION

No applicable information has been found.

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Method: Do not incinerate. Not considered a hazardous waste. Dispose of in accordance with local, state and federal regulations.

SECTION XIV – TRANSPORT INFORMATION

DOT Proper Shipping Name: Not DOT Regulated Material.

SECTION XV – REGULATORY INFORMATION

This material is not subject to the reporting requirements of Section 313 of Title III of the Superfund Reauthorization Act of 1986 and 40 CFR Section 372.

SECTION XVI – OTHER INFORMATION

The above information is believed to be accurate and represents the best information currently available to us. However, WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their own particular purposes. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The data in this MSDS relates only to the specific material designated and does not relate to use in combination with any other material or process.