

# MATERIAL SAFETY DATA SHEET

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## SECTION I – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**IDENTITY:** (As used on label and list)

**GRAPHITE CLOTH WCA  
GRAPHITE TAPE WCB**

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

**Manufacturer's Name/Address/Phone #:**

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

**Emergency Telephone #: INFOTRAC (800) 535-5053**

**Date Originally Prepared: 2/15/90**

**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:**

Graphite Fabric  
(Rayon Based) 100%

7782-42-5

N/A

N/A

N/A

## SECTION III – PHYSICAL/AND CHEMICAL PROPERTIES

**Boiling Point:**

N/A

**Specific Gravity (H<sub>2</sub>O=1):**

1.45

**Vapor Pressure (MM Hg.):**

N/A

**Melting Point:**

N/A

**Vapor Density: (Air = 1)**

N/A

**Evaporation Rate:  
(Butyl Acetate=1)**

N/A

**Solubility in Water:**

N/A

**Appearance and odor:** Black woven cloth; odorless

## SECTION IV – FIRE/FIRE FIGHTING MEASURES

**Flash Point (Method Used):** N/A

**Flammable Limits:** N/A

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

**Extinguishing Media:** Material will not support combustion.

**Special Fire Fighting Procedures:** N/A

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**Unusual Fire and Explosion Hazards:** N/A

## SECTION V – FIRST AID

### Emergency and First Aid Procedures:

**Eyes:** Flush thoroughly with water. Seek medical attention if discomfort persists.

**Skin:** Wash with soap and water. Seek medical attention if discomfort persists.

**Ingestion:** N/A

## SECTION VI – STABILITY AND REACTIVITY

**Stability:** Stable

**Incompatibility (Materials to Avoid):** None currently known.

**Hazardous Decomposition or By-Products:** N/A

**Material Polymerization:**

**May Occur:**

**Will not Occur:** X

**Conditions to Avoid:** N/A

## SECTION VII – HANDLING AND STORAGE

**Precautions to be Taken in Handling and Storing:** Normal precautions common to good manufacturing practice should be followed in handling and storage.

**Other Precautions:** N/A

## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Respiratory Protection (Specify Type):** NIOSH/MSHA approved dust respirator.

### Ventilation:

**General Mechanical:** N/A

**Local:** N/A

**Special:** N/A

**Protective Gloves:** May be appropriate when handling.

**Eye Protection:** Safety glasses.

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**Other Protective Clothing or Equipment:** Eye bath, safety shower, barrier creams (for exposed skin).

**Work/Hygienic Practices:** None

## SECTION IX – HEALTH HAZARDS IDENTIFICATION, INCLUDING EMERGENCY OVERVIEW

**Route(s) of**

**Entry:**      **Inhalation**    X      **Skin**    N/A      **Ingestion**    N/A

**Health Hazards (Acute and Chronic):** Fibers are a possible lung irritant, under constant exposure.

**Carcinogenicity:** N/A

**Signs and Symptoms of Exposure:** N/A

**Medical Conditions Generally Aggravated by Exposure:** N/A

**Warning:** Carbon and Graphite fibers are electrically conductive and may cause short circuits, which result in damage to or malfunctioning of electrical equipment. All forms of electrical equipment, enclosures, and circuits in or near areas where fibers are used or handled should be properly protected against the infiltration of or contact with airborne particles and filaments.

## 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.

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## 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.