



FIBRE GLAST DEVELOPMENTS CORP.
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REV 11/11

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**FOR CHEMICAL EMERGENCY
CALL (800) 424-9300 24 HRS.**

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT: Graphite Tape

SECTION 2 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE AND ODOR:

Color: black
Appearance: fibers or fabric
Odor: odorless

STATEMENTS OF HAZARD:

WARNING! ELECTRICALLY CONDUCTIVE FIBERS – AIRBORNE FIBERS CAN SHORT CIRCUIT ELECTRICAL EQUIPMENT. AIRBORNE FIBERS MAY CAUSE MECHANICAL IRRITATION OF THE EYES, SKIN, NOSE AND THROAT

POTENTIAL HEALTH EFFECTS

EFFECTS OF EXPOSURE: The acute oral (rat) and dermal (rabbit) LD50 values are estimated to be greater than 5,000 mg/kg and greater than 2,000 mg/kg, respectively. Direct contact with this material may cause mild eye and skin irritation. Refer to Section 11 for toxicology information on the regulated components of this product.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

OSHA REGULATED COMPONENTS:

Component/CAS No	%	Carcinogen
Carbon Fiber 7440-44-0	>=99	-

SECTION 4 – FIRST AID MEASURES

Eye Contact: Not an expected route of exposure.

Skin Contact: Wash immediately with plenty of water and soap.

Ingestion: Not an expected route of exposure.

Inhalation: Remove to fresh air. If breathing is difficult give oxygen. Obtain medical advice if there are persistent symptoms.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media: This material will not burn readily. Use an extinguishing media appropriate for the surrounding fire.

Protective Equipment: Firefighters, and others exposed, wear self-contained breathing apparatus.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to Section 8 (Exposure Controls/Personal Protection) for appropriate personal protective equipment.

Methods for Cleaning Up: Sweep up into containers for disposal. Flush spill area with water.

Environmental Precautions: None known.

SECTION 7 – HANDLING AND STORAGE

HANDLING

Precautionary Measures: Keep container closed. Wash thoroughly after handling.

Special Handling Statements: None

STORAGE: None

Storage Temperature: Room Temperature

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: Engineering controls are not usually necessary if good hygiene practices are followed.

Respiratory Protection: None recommended

Eye Protection: Wear eye/face protection

Skin Protection: Avoid skin contact. Wear impermeable gloves.

Additional Advice: Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water.

Exposure Limit(s)

7440-44-0 Carbon Fiber

OSHA (PEL): Not established
ACGIH (TLV): Not established
Other Value: 3 fibers/cc (Cytec)

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Color:	black
Appearance:	fibers or fabric
Odor:	Odorless
Boiling Point:	Not applicable
Melting Point:	>2760°C, 5000°F
Vapor Pressure:	Not applicable
Specific Gravity/Density:	1.6
Vapor Density:	Not applicable
Percent Volatile (% by wt):	Not applicable
pH:	Not applicable
Saturation in air (% by vol.):	Not applicable
Evaporation Rate:	Not applicable
Solubility in Water:	Negligible
Volatile Organic Content:	Not applicable
Flash Point:	Not applicable
Flammable Limits (% by vol.):	Not applicable
Autoignition Temperature:	Not available
Decomposition Temperature:	Not available
Partition coefficient (n-octanol/water):	Not applicable
Odor Threshold:	Not available

SECTION 10 – STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	None known
Polymerization:	Will not occur
Conditions to Avoid:	None known
Materials to Avoid:	No specific incompatibility
Hazardous Decomposition Products:	Oxides of carbon

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicological information for the product is found under Section 2 HAZARDS IDENTIFICATION.

Toxicological information on the regulated components of this product is as follows:

Carbon fibers may cause mechanical irritation of the eyes, skin, nose and throat. Airborne carbon fibers are not considered respirable. A typical carbon fiber may be characterized as having a diameter of 5-7 microns and a length greater than 100 microns. Fibers with diameters greater than 3.5 microns are not considered respirable.

SECTION 12 – ECOLOGICAL INFORMATION

This material is not classified as dangerous for the environment.
The ecological assessment for this material is based on an evaluation of its components.

SECTION 13 – DISPOSAL CONSIDERATIONS

Fibre Glast Developments Corporation encourages the recycle, recovery and reuse of materials, where permitted, as an alternative to disposal as a waste. Fibre Glast Developments Corporation recommends that organic materials classified as hazardous waste according to the relevant local or national regulations be disposed of by thermal treatment or incineration at approved facilities. All local and national regulations should be followed.

SECTION 14 – TRANSPORT INFORMATION

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

US DOT

Dangerous Goods? Not applicable/Not regulated

TRANSPORT CANADA

Dangerous Goods? Not applicable/Not regulated

ICAO/IATA

Dangerous Goods? Not applicable/Not regulated

IMO

Dangerous Goods? Not applicable/Not regulated

SECTION 15 – REGULATORY INFORMATION

INVENTORY INFORMATION

United States (USA): All components of this product are included on the TSCA Chemical Inventory or are not required to be listed on the TSCA Chemical Inventory.

Canada: All components of this product are included on the Domestic Substances List (DSL) or are not required to be listed on the DSL.

Australia: All components of this product are included in the Australian Inventory of Chemical Substances (AICS) or are not required to be listed on AICS.

China: All components of this product are included on the Chinese inventory or are not required to be listed on the Chinese inventory.

Japan: All components of this product are included on the Japanese (ENCS) inventory or are not required to be listed on the Japanese inventory.

Korea: All components of this product are included on the Korean (ECL) inventory or are not required to be listed on the Korean inventory.

Philippines: All components of this product are included on the Philippine (PICCS) inventory or are not required to be listed on the Philippine inventory.

OTHER ENVIROMENTAL INFORMATION:

The following components of this product may be subject to reporting requirements pursuant to Section 313 or CERCLA (40 CFR 372) section 12(b) of TSCA, or may be subject to release reporting requirements (40 CFR 307, 40 CFR 311, etc) See section 13 for information on waste classification and waste disposal of this product.

This product does not contain any components regulated under these sections for the EPA.

PRODUCT HAZARD CLASSIFICATION UNDER SECTION 311 OF SARA

- Not applicable

SECTION 16 – OTHER INFORMATION

NFPA HAZARD RATING (National Fire Protection Association)

Health: 1 - Materials that, under emergency conditions, can cause significant irritation.

Fire: 1 - Materials that must be preheated before ignition can occur.

Instability: 0 - Materials that in themselves are normally stable, even under fire exposure conditions.

SECTION 17 - COMMENTS

The information accumulated herein is believed to be accurate but is not warranted to be, whether originating with Fibre Glast Developments or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.