



FIBRE GLAST DEVELOPMENTS CORP.  
385 Carr Drive  
BROOKVILLE, OH 45309

TELEPHONE: (937) 833-5200  
FAX: (937) 833-6555  
**FOR CHEMICAL EMERGENCY  
CALL (800) 424-9300 24 HRS.**

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## SECTION 1 - PRODUCT IDENTIFICATION

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PRODUCT: PART #1069 5.7oz Graphite 3K 2x2 Twill Weave

Synonyms: All Product Grades  
Chemical Family: Carbon  
Molecular Formula: Polymer  
Molecular Wgt: Polymer

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## SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

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WHMIS Regulated Components:

COMPONENT	CAS. NO.	%(W/W)	TWA/CEILING:	REFERENCE
Carbon Fiber (As Carbon Fiber)	007440-44-0	100	not established 3 fibers/cc	CYTEC

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## SECTION 3 –HAZARDS IDENTIFICATION

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### EMERGENCY OVERVIEW

**Appearance and Odor:** Odorless black fiber

### **Statements of Hazard:**

Warning: Electrically conductive fibers  
Airborne fibers can short circuit electrical equipment  
Airborne fibers may cause mechanical irritation of 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.

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## **SECTION 4 – FIRST AID MEASURES**

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If swallowed, call a physician immediately. Only induce vomiting at the instructions of a physician. Never give anything by mouth to an unconscious person. In case of skin contact, wash affected areas of skin with soap and water. In case of eye contact, immediately irrigate with plenty of water for 15 minutes. If vapor or dust of this material is inhaled, remove from exposure. Administer oxygen if there is difficulty in breathing. Obtain medical attention immediately if necessary.

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## **SECTION 5 – FIRE FIGHTING MEASURES**

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### **FLAMMABLE PROPERTIES**

FLASH POINT: Not applicable

FLAMMABLE LIMITS

(% BY VOL): Not applicable

AUTOIGNITION TEMP: Not available

DECOMPOSITION TEMP: Not available

MECHANICAL/STATIC SENSITIVITY: None

### **EXTINGUISHING MEDIA AND FIRE FIGHTING INSTRUCTIONS**

This material will not burn readily. Use an extinguishing media appropriate for the surrounding fire. Wear self-contained, positive pressure breathing apparatus.

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## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

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### **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Sweep up spills and place in a waste disposal container. Flush area with water.

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## **SECTION 7 – HANDLING AND STORAGE**

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Keep container closed.

Maintain good housekeeping to control dust accumulations.

**IMPORTANT!** Airborne fibers are electrically conductive and may cause short circuits. Do not let fibers come in contact with electrical equipment.

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## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

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### ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT (PPE)

Engineering controls are not usually necessary if good hygiene practices are followed. Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water. Avoid unnecessary skin contact. Impervious gloves are recommended to prevent prolonged skin contact. For operations where eye or face contact can occur, eye protection is recommended.

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## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE AND ODOR:	Odorless black fiber
BOILING POINT:	Not applicable
MELTING POINT:	>5000 F, 2760 C
VAPOR PRESSURE:	Not applicable
SPECIFIC GRAVITY:	1.6
VAPOR DENSITY:	Not applicable
% 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
ODOR THRESHOLD:	See section 2 for permissible exposure limits.

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## SECTION 10 – STABILITY AND REACTIVITY

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STABILITY:	Stable
CONDITIONS TO AVOID:	None known
POLYMERIZATION:	Will not occur
CONDITIONS TO AVOID:	None known
INCOMPATIBLE MATERIALS:	No specific incompatibility
HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS:	Oxides of carbon

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## SECTION 11 – TOXICOLOGICAL INFORMATION

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Toxicological information for the product is found under Section 3. 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

No aquatic LC50, BOD, or COD data available.  
 OCTANOL/H<sub>2</sub>O PARTITION COEF: Not applicable

## 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.

	TRANSPORT CANADA	ICAO/IATA
SHIPPING NAME:	NOT APPLICABLE/NOT REGULATED	NOT APPLICABLE/ NOT REGULATED
HAZARD CLASS:	Not Applicable	Not Applicable
SUBSIDIARY CLASS:	Not Applicable	Not Applicable
UN/ID NUMBER	Not Applicable	Not Applicable
PACKING GROUP:	Not Applicable	Not Applicable
TRANSPORT LABEL REQUIRED:	Not Applicable	Not Applicable
PACKING INSTR:	Not Applicable	PASSENGER: Not Applicable CARGO: Not Applicable
MAX NET QTY:	Not Applicable	PASSENGER: Not Applicable CARGO: Not Applicable
SHIPPING NAME:	D.O.T. SHIPPING INFORMATION NOT APPLICABLE/NOT REGULATED	IMO SHIPPING INFORMATION NOT APPLICABLE/NOT REGULATED
D.O.T. HAZARDOUS SUBSTANCES:	(Product Reportable Quantity) Not Applicable	Not Applicable
TRANSPORT LABEL REQUIRED:	None Required	None Required
<b>ADDITIONAL TRANSPORT INFORMATION</b>		
TECHNICAL NAME (N.O.S.)	Not Applicable	

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## SECTION 15 – REGULATORY INFORMATION

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This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and this Material Safety Data Sheet contains all the information required by the Controlled Products Regulations

**WHMIS CLASSIFICATION:** NOT WHMIS CONTROLLED

### INVENTORY INFORMATION

CANADA DSL: Components of this product have been reported to Environment Canada in accordance with subsection 25 of the Canadian Environment Protection Act and are included on the Domestic Substance List.

US TSCA: All components of this product are included on the TSCA inventory in compliance with the Toxic Substances Control Act, 15 U.S.C. 2601 et. Seq.

EEC EINECS: All components of this product are included in the European Inventory of Existing Chemical Substances (EINECS) in compliance with Council Directive 67/548/EEC and its amendments.

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## SECTION 16 – OTHER INFORMATION

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### NFPA HAZARD RATING (National Fire Protection Association)

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

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

Reactivity: Materials that in themselves are normally stable, even under fire exposure conditions.

Fire  
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Health 1    0 Reactivity

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Special

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## SECTION 17 - COMMENTS

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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.