



FIBRE GLAST DEVELOPMENTS CORP.
385 CARR DRIVE
BROOKVILLE, OH 45309
REV 06/07

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

SECTION 1 – PRODUCT IDENTIFICATION

PRODUCT NAME: PART #1064 Graphite

IDENTITY: Carbon Nonwoven Mat

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity, Common Name)	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Carbon Fiber (CAS No. 7440-44-0)	5 mg/m ³ *		10 mg/ m ³ **	

*Nuisance respirable dust

**Nuisance total dust

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A

SPECIFIC GRAVITY (H₂O=1): <1

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: Negligible

APPEARANCE AND ODOR: Black nonwoven mat

SECTION 4 – FIRE AND EXPLOSTION HAZARD DATA

FLASH POINT (METHOD USED): N/A

FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA: Water, CO₂

SPECIAL FIRE FIGHTING PROCEDURE: Wear self-contained breathing apparatus

UNUSUAL FIRE AND EXPLOSION HAZARDS: Carbon fibers may be released and cause electrical problems

SECTION 5 – REACTIVITY DATA

STABILITY: Unstable
Stable X

Conditions To Avoid – Hot poorly ventilated areas

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decomposition may generate carbon monoxide and other toxic byproducts

HAZARDOUS: May Occur
Will Not Occur X

SECTION 6 – HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:
Inhalation – Yes
Skin – Yes
Ingestion – No

HEALTH HAZARDS (ACUTE AND CHRONIC): Carbon fiber is a possible skin irritant

CARCINOGENICITY: N/A

SIGNS AND SYMPTOMS OF EXPOSURE: Irritation of skin

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None to our knowledge

EMERGENCY AND FIRST AID PROCEDURES: Remove to fresh air. Flush eyes with water. Wash skin with soap and water.

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Pick up pieces. Use dust suppressant if sweeping is necessary.

WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Protect electrical equipment from exposure to carbon fibers

OTHER PRECAUTIONS: Avoid creating dust. Avoid inhalation. Avoid excessive contact with skin.

SECTION 8 – CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): Not normally required if adequate ventilation is provided.

VENTILATION: Local Exhaust – Recommended for cutting and slitting operations; and at elevated temperatures. Mechanical (General) – Recommended

PROTECTIVE GLOVES: Not normally required

EYE PROTECTION: Not normally required

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not normally required

WORK/HYGIENIC PRACTICES: Follow usual measures of personal hygiene

SECTION 9 - COMMENTS

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