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

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## SECTION 1 – PRODUCT IDENTIFICATION

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**PRODUCT NAME:** PART #1064 Graphite

**IDENTITY:** Carbon Nonwoven Mat

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## SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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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 <sup>3</sup> *		10 mg/ m <sup>3</sup> **	

\*Nuisance respirable dust

\*\*Nuisance total dust

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## SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

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**BOILING POINT:** N/A

**SPECIFIC GRAVITY (H<sub>2</sub>O=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

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#### SECTION 4 – FIRE AND EXPLOSTION HAZARD DATA

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**FLASH POINT (METHOD USED):** N/A

**FLAMMABLE LIMITS:** N/A

**EXTINGUISHING MEDIA:** Water, CO<sub>2</sub>

**SPECIAL FIRE FIGHTING PROCEDURE:** Wear self-contained breathing apparatus

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

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#### SECTION 5 – REACTIVITY DATA

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**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

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#### SECTION 6 – HEALTH HAZARD DATA

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**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.

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## SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

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**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.

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## SECTION 8 – CONTROL MEASURES

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**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

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## **SECTION 9 - 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 Corporation or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.