



FIBRE GLAST DEVELOPMENTS CORP.
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**FOR CHEMICAL EMERGENCY
CALL (800) 424-9300 24 HRS.**

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT: PART #571 - ¼" Chopped Graphite Fibers

CHEMICAL NAME: Carbon

SECTION 2 – Physical Data

Appearance: Resin-coated black fibers in continuous, chopped or milled form.

Specific Gravity: 1.8

% Volatile (by Wt.): <1

SECTION 3 – Hazardous Ingredients

Ingredient: Carbon Fiber

Weight Percent: 94%

C.A.S. Number: 07440-44-0

SECTION 4 – Other Ingredients

Ingredient: Polymer Sizing

Weight Percent: <5

C.A.S. Number: TSCA Compliant

SECTION 5 – Hazard Rating

Least:	0	Health:	1
Slight:	1	Fire:	0
Moderate:	2	Reactivity:	0
High:	3		
Extreme:	4		

SECTION 6 – Occupational Exposure Limits

OSHA PEL: 15mg/m³(total) Particles not otherwise regulated (PNOR); 5mg/m³ (respirable)

ACGIH TLV: 10mg/m³(inhalable)Particles not otherwise specified(PNOS); 3mg/m³(respirable).

NIOSH: None

Carcinogen: NTP – No IARC – No OSHA – No

SECTION 7 – Health Hazards

Dust particles associated with this product may cause irritation of the skin, eyes, and respiratory tract.

SECTION 8 – Employee Protection

RESPIRATORY PROTECTION: NIOSH approved respirator for dust if PEL is exceeded.

Eye Protection: Safety glasses

Protective Gloves: Latex (rubber) gloves

Other Protective Equipment: None

Ventilation: Adequate ventilation should be provided at points where the product is handled. Skin contact should be minimized through process design or the use of protective clothing, eye protection and work gloves.

SECTION 9 – First Aid

Skin Contact: Wash with soap and water.

Eye Contact: Irrigate to remove small particle.

Inhalation: Remove to fresh air. Treat any irritation symptomatically, contact a physician.

Ingestion: Not applicable.

SECTION 10 – Fire and Explosion Data

Flash Point: Not Flammable

Flammable Limits: LEL – Not applicable UEL – Not applicable

Extinguishing Media: Carbon dioxide, dry chemical, water spray.

Special Fire Fighting Procedures: Not applicable

Unusual Fire and Explosion Hazards: Carbon fibers may be released in a fire situation, and the fibers are sufficiently conductive to cause severe electrical problems.

SECTION 11 – Special Precautions

Precautions for Handling and Storage: Handle in manner which reduces airborne dust.

Other Precautions: Material is electrically conductive. Electrical systems should be protected from exposure to airborne fibers.

SECTION 12 – Environmental Protection

Spill and Leak Procedures: Spilled product should be placed in sealed plastic bags. The actual cleanup of a spill should be accomplished with due regard to the electrically conductive nature of the product. Contamination of electrical equipment should be avoided. If a vacuum system is used in the cleanup, it should be fully capable of handling a conductive material with no risk of electrical shock to the operator.

Waste Disposal Method: Carbon fibers are not listed as hazardous wastes nor do they exhibit any of the hazardous characteristics contained in USA federal hazardous regulation (40CFR261). Waste carbon fibers should be disposed of in an approved landfill in accordance with existing national and local regulations.

SECTION 13 – Reactivity Data

Stability: Stable; Codes 140, 143, 150, 153, 154, 156, 157, 170, 560 and 561 soluble in water.

Hazardous Polymerization: Will not occur.

Conditions and Materials to Avoid: Exposure to electrical equipment and circuitry, strong oxidizers, excessive or localized heating.

Hazards Decomposition Products: Oxides of carbon, nitrogen and amines.

SECTION 14 – 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.