

**SAFETY DATA SHEET
GRAPHITE POWDER
Pack logix Inc.**

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Revision Date: 10/15/2013

Section 1: Chemical Product and Company Identification

Product Name: Graphite **Product Number:** Panef L-300/LS-10/LT-30/L-600

Manufacturer: PACK LOGIX Inc.
5700 West Douglas Ave. **Emergency Telephone:** 800-535-5053
Milwaukee, WI 53218

Total Pages: 3 **Information Telephone:** 414-464-7200

Section 2: Hazards Identification

Route (s) of Entry:	Inhalation	Skin	Ingestion
	Yes	No	Yes

Health Hazards (acute and chronic) Inhalation of dust may result in irritation of mucous membranes. Long term inhalation may result in silicosis or pneumoconiosis.

Carcinogenicity:	NTP	IARC Monographs	OSHA Regulated
	No	Yes	No

Notes: Silica as quartz, animal sufficient evidence, human sufficient evidence.

Signs and Symptoms of Exposure: Not known other than that mentioned in the health hazards.
Medical Conditions Generally Aggravated by Exposure: No medical conditions are known to be aggravated by this product.

Section 3: Composition / Information on Ingredients

<u>Hazardous Ingredients</u>	<u>CAS</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>%</u>
Graphite, Natural (as respirable dust)	7782-42-5	2.5 mg/m3	2.0 mg/m3	None	Prop.
Silica, Crystalline Quartz (as respirable dust)	14808-60-7	0.1 mg/m3	0.1 mg/m3	None	N/D

Notes:
Tests performed on natural graphite have shown quartz levels ranging from 2% to 10%.

Section 4: First Aid Measures

Eyes: Flush thoroughly with water for 15 minutes. Get medical attention.
Skin: Wash exposed skin with soap and water. If irritation persists get medical attention. Launder severely contaminated clothing before reuse.
Ingestion: Do not induce vomiting. Get medical attention.
Inhalation: Remove to fresh air area. If breathing becomes difficult, get medical attention.

Section 5: Fire Fighting Measures

Flash Point: (method) N/A **Flammable Limits:** **LEV:** **UEL:**
N/A N/A

Extinguishing Media: Water, carbon dioxide, foam or dry chemical.
Special Fire Fighting Procedures: Wear a NIOSH approved self contained breathing apparatus to fight a fire involving this material.
Unusual Fire and Explosion Hazards: None

NFPA Hazard Rating:	Health	Flammability	Reactivity
	1	0	0

NFPA Codes: 0-Least 1-Slight 2-Moderate 3-High 4-Extreme

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Section 6: Accidental Release Measures

Spill / Leak Procedures: Carefully sweep up material and wash floor with soap and water. Containerize for solid waste disposal.

Section 7: Handling and Storage

Handling and Storage Precautions: Keep containers tightly closed when not in use. Graphite causes slippery conditions. Graphite, being conductive, can cause short circuits and other electrical malfunctions.

Work / Hygienic Practices: Wash exposed skin with soap and water after handling this product.

Section 8: Exposure Controls / Personal Protection

Respiratory Protection (specify type): Use NIOSH/MSHA approved mask for chemical products if ACGIH, OSHA and/or TWA limits will be exceeded.

Local Exhaust	Mechanical (general)	Special	Other
Not Required	Recommended	None	None

Eye / Face Protection: Safety glasses, goggles or face shield. Eye wash station should be available.

Skin Protection: Use cotton gloves. Safety shower should be available.

Section 9: Physical / Chemical Characteristics

Physical State: Solid	Boiling Point: N/A
Appearance: Gray	Melting Point: N/A
Odor: None	Vapor Pressure (mm Hg): N/A
Specific Gravity (H ₂ O=1): 2.25	Vapor Density (air=1): N/A
Water Solubility: Insoluble	Evaporation Rate: N/A (Butyl Acetate=1)

Section 10: Stability and Reactivity

Stability: Material is stable

Incompatibility (materials to avoid): Strong oxidizing agents, acids and alkalis.

Hazardous Decomposition Products: On burning, may release carbon dioxide and carbon monoxide.

Hazardous Polymerization: Will not occur.

Section 11: Toxicology Information

None available

Section 12: Ecological Information

None available

Section 13: Disposal Considerations

Dispose of in accordance with local, state and federal regulations.

Section 14: Transportation Information

Not regulated.

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Section 15: Regulatory Information

All components of this product are on the TSCA inventory.

Section 16: Other Information

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