

Material Safety Data Sheet

PENETRATING GRAPHITE OIL

Panef Inc.

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Revision Date: 01/01/09

Section 1: Chemical Product and Company Identification

Product Name: Penetrating Graphite Oil

Product Number: Panef K-81

Manufacturer: Panef Inc.
5700 West Douglas Avenue
Milwaukee, WI 53218

Emergency Telephone: 800-535-5053

Total Pages: 3

Information Telephone: 414-464-7200

Section 2: 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>
Mineral Spirits	8002-05-9		100 PPM		90-95
Graphite	7782-42-5	2.5mg/M ³			5-10

Section 3: Hazards Identification

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

Health Hazards:

Acute: May cause eye irritation.

Chronic: Skin dryness and irritation.

Symptoms of exposure: Prolonged exposure might affect the central nervous system, and cause respiratory irritation.

Carcinogen: No

Section 4: First Aid Measures

Eyes: Flush eyes with water for ten minutes. If redness persists get medical attention.

Inhalation: Remove to fresh air.

Ingestion: Do not induce vomiting; call a physician.

Skin: Wash with soap and water.

Section 5: Fire Fighting Measures

Flash Point: (method): 102°F

Flammable Limits: LEL:
1.1

UEL:
6.0

Extinguishing Media: Foam, CO₂, Dry Chemical, Water Fog.

Special Fire Fighting Procedures: NONE

Unusual Fire and Explosion Hazards: A vapor accumulation flash at 102°F.

Hazardous Products Formed by Fire or Thermal Decomposition: Smoke, carbon monoxide and /or carbon dioxide.

Section 6: Accidental Release Measures

Spill / Leak Procedures: Recover free product. Use absorbent on spill areas. Keep product out of sewers and waterways. Avoid skin contact.

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Section 7: Handling and Storage

Handling and Storage Precautions: Keep containers closed and away from open flames.

Special Precautions: Keep containers closed when not in use. Do not handle or store near excess heat, sparks or open flame. Keep out of reach of children. Do not ingest.

Work / Hygienic Practices: Wash hands with soap and water after handling product. Remove contaminated clothing and launder before reuse.

Section 8: Exposure Controls / Personal Protection

Respiratory Protection (specify type): None required in normal use.

Local Exhaust Required	Mechanical (general) Required	Special None	Other None
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Eye / Face Protection: Safety glasses or goggles recommended when eye contact may occur.

Skin Protection: Neoprene or nitrile gloves recommended.

Section 9: Physical / Chemical Characteristics

Boiling Point (760mm/Hg): 320°F

Vapor Density (Air=1): 4.7

Evaporation Rate (Butyl Acetate=1): 0.22

Solubility in Water: Negligible

Appearance and Odor: Black thin liquid, "Solvent" like odor

Specific Gravity (Water=1): 0.78

Vapor Pressure (mm HG@25°C): 2.0

% Volatile (Vol%): 90

Wt/Gal (lbs): 6.50

Section 10: Stability and Reactivity

Stability: Material is stable

Conditions to Avoid:

Incompatibility (materials to avoid): Strong oxidizing agents

Hazardous Polymerization: Will not occur.

Section 11: Toxicology Information

None Available.

Section 12: Ecological Information

None Available

Section 13: Disposal Considerations

Incinerate or bury according to local, state and federal laws.

Section 14: Transportation Information

Via Truck:

Via Air:

Via Ocean:

Section 15: Regulatory Information

SARA Title III f302, 304, 311 & 312 – Components in this product at a level which could require reporting under this statute are: NONE

SARA Title III f313 – Components present in this product which may require reporting under this statute are: NONE

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Section 16: Other Information

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