

MATERIAL SAFETY DATA SHEET

PENETRATING OIL/RUST SOLVENT

Panef Inc.

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Revision Date: 01/01/09

Section 1: Chemical Product and Company Identification

Product Name: Penetrating Oil/Rust Solvent **Product Number:** Panef SM-25 & SM-50
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>
Severely Hydrofined- Petroleum Oil Stock	64741-96-4	5mg/M ³			65-75
Mineral Spirits	8002-05-9	400 PPM	100 PPM		25-30
Non-hazardous Proprietary Additives	Mixture				3-6

Section 3: Hazards Identification

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

Health Hazards:

Acute: Eye irritation, redness.

Chronic: Vary from person to person; as a precaution prolonged exposure to liquid and fumes should be minimized.

Symptoms of exposure: Vapor might affect the central nervous system and/or cause respiratory irritation.

Carcinogen: No

Section 4: First Aid Measures

Eyes: Flush eyes with water for 15 minutes. If irritation occurs get medical attention.

Inhalation: Provide fresh air and rest.

Ingestion: Do not induce vomiting; call a physician.

Skin: Wash with soap and water. An emollient cream or lotion is beneficial.

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: Treat as any oil fire

Unusual Fire and Explosion Hazards: None

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

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): 4.8

Evaporation Rate (Butyl Acetate=1): 0.15

Solubility in Water: Negligible

Appearance and Odor: Light amber colored liquid with slight solvent odor.

Specific Gravity (Water=1): 0.869

Vapor Pressure (mm HG@25°C): 2.0

% Volatile (Vol%): 30

Wt/Gal (lbs): 7.24

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

Disclaimer: The information contained herein is based on data available. However, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from use thereof. Because the information contained herein may be applied under conditions beyond our control, we assume no responsibility for its use.