



MATERIAL SAFETY DATA SHEET

IDENTITY - PENETROX™ PEN-VI OXIDE INHIBITING COMPOUND

SECTION I

Manufacturer's Name

FCI USA INC.
BURNDY ELECTRICAL

Address

47 EAST INDUSTRIAL PARK DRIVE
P.O. BOX 9507

Date Prepared - June 9, 1994

Emergency & Information Telephone Number

603/647-5000

Signature of Preparer (optional)

Supersedes: April, 2006

Date Revised: April, 2009

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u> <i>(specific chemical identity; common name(s))</i>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>% (optional)</u> <u>Recommended</u>
Copper / 7440-50-8 (fume, dust)	1, 1.0 mg/m ³	.2, 1 mg/m ³	.1, 1 mg/m ³ (NIOSH)	- balance -
Polyalkylene Glycol / 9003-13-8	N/A	5 mg/m ³	N/A	44% max
Castor Oil / 8001-79-4	N/A	5 mg/m ³	N/A	44% max
Organo Philic Clay / 71011-24-0	N/A	5 mg/m ³	N/A	14% max

Hazardous Material Information System (HMIS) Rating:
Health = 1 Flammability = 1 Reactivity = 0

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

<u>Boiling Point</u>	N/A	<u>Specific Gravity (H₂O = 1)</u>	1.47
<u>Vapor Pressure (mm Hg)</u>	N/A	<u>Melting Point</u>	N/A
<u>Vapor Density (AIR = 1)</u>	N/A	<u>Evaporation Rate</u> <i>(Butyl Acetate = 1)</i>	N/A
<u>Solubility in Water</u>	N/A	<u>Appearance and Odor</u>	Odorless Grease, straw/golden in color

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

<u>Flash Point (Method Used)</u>	<u>Flammable Limits</u>	<u>LEL</u>	<u>UEL</u>
525 F per ASTM D92	N/A	N/A	N/A
<u>Extinguishing Media</u> - Dry Powder, CO ₂ , Sand/Earth			
<u>Special Fire Fighting Procedures</u> - Dry Powder, CO ₂ , Sand/Earth - do not use water except as fog.			
<u>Unusual Fire and Explosion Hazards</u> - None - however, cover of container may pop off if ambient temperature exceeds 150 F (66 C).			

SECTION V - REACTIVITY DATA

Stability - Stable

Incompatibility (Materials to Avoid) - None

Hazardous Polymerization - Will not occur

Hazardous Decomposition or Byproducts - None

Conditions to Avoid - Strong bases at high temperatures, strong acids, strong oxidizing agents, materials reactive with hydroxyl compounds.



SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry - Principle routes of entry are through absorption or ingestion

Inhalation **Skin** **Ingestion** **Health Hazards (Acute and Chronic)** - None known
NO YES YES

Carcinogenicity - N/A

Signs and Symptoms of Exposure - Prolonged or repeated skin contact may cause skin irritation in some individuals.

Medical Conditions Generally Aggravated by Exposure - Skin irritation resulting from prolonged skin contact.

Emergency and First Aid Procedure:

EYES - Flush with water for 15 minutes; Call Doctor

SKIN - Wash off with soap and water

INHALATION - Remove to fresh air, call Doctor

INGESTION - Call Doctor immediately

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled - Recover free product; add sand, earth or other absorbent to spill and sweep up.

Waste Disposal Method - Dispose of as solid waste in accordance with Federal, State and Local regulations.

Precautions to be taken in handling and storing - Avoid storage in temperatures exceeding 150 F (66 C), avoid strong oxidizers such as hydrogen peroxide, bromine, etc.

Other precautions - None

SECTION VIII - Control Measures

Respiratory Protection (Specify Type) - None **Ventilation** None

Local Exhaust - None

Special - None

Mechanical (General) - None

Other - None

Protective Gloves - Chemical resistant gloves when prolonged skin contact may occur.

Eye Protection - Safety Glasses when eye contact may occur

Other Protective Clothing or Equipment - Not needed

Work/Hygienic Practices - Avoid eye and prolonged skin contact; wash before eating.

SARA NOTICE

FCI is required to notify you that you have purchased product which contains a toxic chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR, Part 372. FCI is providing the name of each toxic chemical, the associated Chemical Abstract Service (CAS) registry number and percent by weight of each toxic chemical in the product. This notification must not be detached from the MSDS and any copying or re-distribution of the MSDS shall include a copy of this notice.

Product: PENETROX™ PEN-VI Oxide Inhibiting Compound

SARA Toxic Chemical: Copper
CAS No: 7440-50-8
Percentage by Weight: 12-30