



MATERIAL SAFETY DATA SHEET

IDENTITY - PENETROX™ -A OXIDE INHIBITING COMPOUND

SECTION I

Manufacturer's Name
FCI USA INC.,
BURNDY ELECTRICAL

Emergency & Information Telephone Number
603-647-5000

Address
47 EAST INDUSTRIAL PARK DRIVE
P.O. BOX 9507
MANCHESTER, NEW HAMPSHIRE 03108-9507

Signature of Preparer (optional)

Supersedes: February 25, 1999

Date Prepared: June 1, 1994

Date Revised: January 17, 2002

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components: (specific chemical identify; common name(s))

	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
Zinc \ 7440-66-6 (fume, dust)	5, 15 mg/m ³	5, 10.0 mg/m ³	5.0 mg/m ³	51 - 53%
Mineral Oil	Not applicable	Not applicable		42 - 46%
Napthenic Vacuum Distillate				
Hazardous Material Information System (HMIS) Rating:				
Health = 0 Flammability = 1 Reactivity = 1				

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	Not Applicable	Specific Gravity (H ₂ O =1)	1.47
Vapor Pressure (mm Hg)	Not Applicable	Melting Point	Not Applicable
Vapor Density (AIR = 1)	Not Applicable	Appearance and Odor	Odorless grase, gray-brown in color
Evaporation Rate (Butyl Acetate = 1)	Not Applicable	Solubility in Water	Insoluble

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

<u>Flash Point</u> (Method Used)	<u>Flammable Limits</u>	<u>LEL</u>	<u>UEL</u>
375°F per ASTM D92	Not Volatile	Not Applicable	Not Applicable
<u>Extinguishing Media:</u>	Dry Powder, CO ₂ , Sand/Earth		
Special Fire Fighting Procedures:	Dry Powder, CO ₂ , Sand/Earth, do not use water except as fog.		
Unusual Fire and Explosion Hazards:	None, however, cover of container may pop off if ambient temperature exceeds 110°F (43°C).		



SECTION V - REACTIVITY DATA

Unstable - Stable Conditions to Avoid - exposure to flame and strong oxidizers; e.g., hydrogen peroxide, bromine, etc.

Incompatibility (Materials to Avoid) None - except will cause rubber to swell

Hazardous Decomposition or Byproducts - On burning - carbon monoxide, carbon dioxide.

Hazardous Polymerization - Will not occur

SECTION VI - HEALTH HAZARD DATA

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

<u>Inhalation</u>	<u>Skin</u>	<u>Ingestion</u>	<u>Health Hazards (Acute & Chronic)</u>
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YES

YES

None known

Carcinogenicity

NTP

IARC Monographs

OSHA Regulated

N/A

Signs and Symptoms of Exposure - Prolonged skin contact may cause dermatitis to occur in some individuals.

Medical Conditions Generally Aggravated by Exposure - Dermatitis

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 110°F (43°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

Mechanical (General) - None

Other - None

Special - 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™ -A Oxide Inhibiting Compound

SARA Toxic Chemical: Zinc (fume or dust)

CAS No: 7440-66-6

Percentage by Weight: 51-53