

116352



BATTERY ELECTRIC STORAGE, DRY

SECTION I

Manufacturer's name: East Penn Manufacturing Co. Inc.
Deka Road, Lyon Station, PA 19536

Telephone number for information: (215) 682-6361

Emergency telephone number: CHEMTREC: 1-800-424-9300
In Washington, D.C. or outside
continental U.S., call 1-202-483-7616

Date prepared: January 22, 1993

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| Hazardous components Specific chemical identity; (Common name(s)) | OSHA PEL | ACGIH TLV | Other limits recommended | % |
|---|-------------------------|------------------------|-----------------------------|----|
| Lead & Lead Components CAS #7439921 | 0.050 mg/m ³ | 0.15 mg/m ³ | n/a | 97 |

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS: Lead (Pb)

| | |
|---------------------------------------|---|
| Boiling point: 3164°F | Specific gravity (H ₂ O=1): not applicable |
| Vapor pressure (1mm Hg.): 1783°F | Melting point: 622°F |
| Vapor density (AIR=1): not applicable | Evaporation rate (Butyl Acetate=1): not applicable |
| Solubility in water: insoluble | Appearance and odor: bluish-gray soft metal |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash point (method used): not applicable

Flammable limits: not applicable

LEL: not applicable UEL: not applicable

Extinguishing media: Dry chemical, carbon dioxide, water spray or foam

Special fire fighting procedures: not applicable

Unusual fire and expositon hazards: not applicable

SECTION V - REACTIVITY DATA (Battery Case)

Stability: stable Condition to avoid: not applicable

Incompatibility (materials to avoid): not applicable

Hazardous decomposition or by-products: not applicable

Hazardous polymerization: will not occur Conditions to avoid: not applicable

MSDS: Battery Electric Storage, Dry

SECTION VI - HEALTH HAZARD DATA

Route(s) of entry: not applicable under normal use

Health hazards (acute and chronic): Internal components contain lead. Repeated or prolonged exposure to lead can result in lead poisoning. Lead accumulates in the bone and body organs and is eliminated from the body slowly.

Carcinogenicity: not applicable
IARC Monographs: Group 2B carcinogen
OSHA Regulated: 29CFR1910.1025

Signs and symptoms of exposure: Short term: skin and eye irritation, headache, nausea, vomiting, abdominal spasms, fatigue, weight loss, anemia, pain in legs, arms, joints.
Long term: CNS damage, kidney disfunctions and potential reproductive hazard. Symptoms of lead exposure can be confirmed by the presence of elevated levels of lead in blood.

Medical conditions generally aggravated by exposure: Pregnant women and children must be protected from lead exposure.

Emergency and first aid procedures: Not applicable under normal use. If lead exposure is suspected, seek medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE: not applicable

Steps to be taken in case material is released or spilled: Avoid contact with initial components.

Waste disposal method: Lead acid batteries are completely recycable. For information on returning batteries to East Penn for recycle, call (215) 682-6361.

Precautions to be taken in handling and storing: not applicable

Other precautions: not applicable

SECTION VIII - CONTROL MEASURES: not applicable under normal use

Respiratory protection (specific type): for specific information see 29CFR 1910.1025, Lead Exposure.

Ventilation: Local exhaust:
Mechanical (general):
Special:
Other:

Protective gloves: N.A.
Eye protection: N.A.
Other protective clothing or equipment: N.A.
Work/hygienic practices: Always practice good personal hygiene habits and safe work practices.

SECTION IX - TRANSPORTATION

Shipping Name: Battery, dry

Identification Number: not applicable, non-assigned

Hazard Class: not applicable - This article is not applicable to 49CFR 172.101 HAZARDOUS MATERIALS and not subject to Parts 170-189 of this sub chapter.

U.S. Postal Service Regulations: unrestricted