MC CANFIELD SONS >> SHEET LEAD
MATERIAL SAFETY DATA SHEET
FSC: 3439
NIIN: 00N050882
Manufacturer's CAGE: 57191
Part No. Indicator: A
Part Number/Trade Name: SHEET LEAD

General Information

Manufacturer's Name: MC CANFIELD SONS
Manufacturer's Street: 1000 BRIGHTON STREET
Manufacturer's City: UNION
Manufacturer's State: NJ
Manufacturer's Country: US
Manufacturer's Zip Code: 07083
Manufacturer's Emerg Ph #: 201-688-5050
Manufacturer's Info Ph #: 201-688-5050
Safety Data Action Code: A
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 01SEP86
Safety Data Review Date: 05JUL94
MSDS Serial Number: BVKHF
Hazard Characteristic Code: NK
Report for NIIN: 00N050882

Ingredients/Identity Information

Proprietary: NO
Ingredient: LEAD (SARA III)
Ingredient Sequence Number: 01
Percent: 99.9
Ingredient Action Code: A
NIOSH (RTECS) Number: OF7525000
CAS Number: 7439-92-1
OSHA PEL: .05 MG/M3
ACGIH TLV: 0.15 MG/M3, DUST

Physical/Chemical Characteristics

Appearance And Odor: BLUISH-GREY SOFT METAL
Boiling Point: 2437F, 1336C
Vapor Pressure (MM Hg/70 F): 1 @ 973
Vapor Density (Air=1): 11.288 @20
Specific Gravity: 11.3
Evaporation Rate And Ref: NOT APPLICABLE
Solubility In Water: NOT SOLUBLE
Percent Volatiles By Volume: N/A

Fire and Explosion Hazard Data

Flash Point: N/A
Flash Point Method: N/A
Extinguishing Media: NOT APPLICABLE. MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).
Special Fire Fighting Proc: WHEN HEATED TO POINT OF VAPORIZATION, TOXIC FUMES ARE Emitted. USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).
Unusual Fire And Expl Hazards: FIRE AND EXPLOSION HAZARDS MOD IN FORM OF
DUST WHEN EXPOS TO HEAT/FLAME. WHEN HEATED, LEAD EMITS HIGHLY TOXIC FUMES; CAN REACT VIGOROUSLY W/OXIDIZING MATLS.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): CONTACT W/HYDROGEN PEROXIDE MAY CAUSE A VIOLENT REACTION. LEAD CAN REACT VIOLENTLY W/OXIDIZING MATERIALS.
Materials To Avoid: OXIDIZING MATERIALS.
Hazardous Decomp Products: AT TEMPERATURES ABOVE MELTING POINT, LEAD OXIDE FUMES MAY BE EVOLVED.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT.

Health Hazard Data

LD50-LEC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: CHRONIC OVEREXPOSURE TO HIGH LEVELS OF AIRBORNE/INGESTED LEAD MAY RESULT IN LEAD INTOXICATION W/SYMPTOMS OF ANEMIA, INSOMNIA, WEAKNESS, CONSTIPATION, NAUSEA & ABDOMINAL PAIN. PROLONGED OVEREXPOSURE MAY RESULT IN KIDNEY & NERVOUS SYSTEM DAMAGE. LEAD APPEARS ON THE NAVY LISTING OF OCCUPATIONAL CHEMICAL (EFTS OF OVEREXP)
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT.
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: AVOID INHAL OF DUST/FUMES IN CONCENTRATIONS EXCEEDING OSHA LIMITS. VACUUMING RECOMMENDED. USE APPRVD RESPIRATORY PROT IF POSSIBILITY OF DUST/FUMES EXPOSURE EXISTS.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: SCRAP OR WASTE SHOULD BE RECYCLED OR DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
Precautions-Handling/Storing: AVOID INHAL & INGEST OF LEAD DUST/FUMES IN CONCENTRATIONS ABOVE OSHA LIMITS.
Other Precautions: FOOD & DRINK SHOULD NOT BE CONSUMED OR TOBACCO PRODUCTS USED, NOR COSMETICS APPLIED IN AREAS WHERE METAL EXPOSURES EXCEED APPLICABLE LIMITS.

Control Measures

Respiratory Protection: NIOSH/MSHA APPROVED DUST/FUME RESPIRATOR SHOULD BE WORN WHERE APPLICABLE LIMITS MAY BE EXCEEDED.
Ventilation: LOC EXHAUST:ADEQ VENT SHOULD BE USED WHEN MATERIAL IS IN MOLTEN/DUSTY STATE. MECHANICAL:SAME AS LOC EXHAUST.
Protective Gloves: IMPERVIOUS GLOVES (FP N).
Eye Protection: ANSI APPROVED CHEM WORKERS GOGGLES (FP N).
Other Protective Equipment: WORK CLOTHES SHOULD BE WORN & LAUNDERED I/A/W OSHA LEAD STANDARD 1910.1025.
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
Suppl. Safety & Health Data: NONE SPECIFIED BY MANUFACTURER.
Report for NIIN: 00N050882

Transportation Data

Disposal Data

Report for NIIN: 00N050882

Label Data

Label Required: YES
Technical Review Date: 05JUL94
Label Date: 05JUL94
Label Status: B
Common Name: PURE LEAD
Chronic Hazard: YES
Signal Word: CAUTION!
Acute Health Hazard-Slight: X
Contact Hazard-None: X
Fire Hazard-None: X
Reactivity Hazard-None: X
LEAD APPEARS ON THE NAVY OCCUPATIONAL CHEMICAL REPRODUCTIVE HAZARDS LIST (FP N). INGEST/INHALATE: ANEMIA, INSOMNIA, WEAKNESS, CONSTIPATION, NAUSEA, ABDOMINAL PAIN. MAY RESULT IN KIDNEY & NERVOUS SYSTEM DAMAGE.
Protect Eye: X
Protect Skin: X
Protect Respiratory: X
Label Name: MC CANFIELD SONS
Label Street: 1000 BRIGHTON STREET
Label City: UNION
Label State: NJ
Label Zip Code: 07083
Label Country: US
Label Emergency Number: 201-688-5050