

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 Hazrds: 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

Report for NIIN: 00N050882

FUMES MAY BE EVOLVED.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT.

=====
Health Hazard Data
=====

LD50-LC50 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.

Signs/Symptoms Of Overexp: HEALTH HAZ:REPRODUCTIVE HAZARDS. SEEK
CONSULTATION FROM APPROPRIATE HEALTH PROFESSIONALS CONCERNING LATEST HAZARD
LIST INFORMATION AND SAFE HANDLING & EXPOSURE INFORMATION (FP N).

Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.

Emergency/First Aid Proc: INDIVIDUAL SHOULD BE REMOVED FROM EXPOS & PHYS
CONSULTED. FOR HOT METAL BURNS, EXPOS AREA SHOULD BE COOLED W/WATER & MED
ATTN SOUGHT. INGEST:CALL MD IMMED (FP N). INHAL:REMOVE TO FRESH AIR.

SUPPORT BRTHG (GIVE O*2/ARTF RESP) (FP N). EYES:IMMED FLUSH W/POTABLE WATER
FOR MIN OF 15 MINUTES, SEEK ASSISTANCE FROM MD (FP N). SKIN:FLUSH W/COPIOUS
AMTS OF WATER. CALL MD (FP N).

=====
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 APPRVD 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/INHAL: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