

GARDINER SOLDER CO, DIV OF GARDINER METAL CO -- TIN LEAD ANTIMONY ALLOY,XM-200
CORE -- 3439-00-153-4280

===== Product Identification =====

Product ID:TIN LEAD ANTIMONY ALLOY,XM-200 CORE

MSDS Date:05/01/1990

FSC:3439

NIIN:00-153-4280

MSDS Number: BMDMM

=== Responsible Party ===

Company Name:GARDINER SOLDER CO, DIV OF GARDINER METAL CO

Address:4820 S CAMPBELL AVE

City:CHICAGO

State:IL

ZIP:60632-1416

Country:US

Info Phone Num:312-847-0100

Emergency Phone Num:312-

847-0100/CHEMTREC 800-424-9300

CAGE:56244

=== Contractor Identification ===

Company Name:GARDINER SOLDER CO, DIV OF GARDINER METAL CO

Address:4820 S CAMPBELL AVE

Box:City:CHICAGO

State:IL

ZIP:60632-1416

Country:US

Phone:312-847-0100/800-424-9300(CHEMTREC)

CAGE:56244

===== Composition/Information on Ingredients =====

Ingred Name:LEAD (SARA III)

CAS:7439-92-1

RTECS #:OF7525000

Fraction by Wt: 5- 94.8%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.05 MG/M3;1910.1025

ACGIH TLV:0.15

MG/M3;DUST 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:TIN

CAS:7440-31-5

RTECS #:XP7320000

Fraction by Wt: 5- 94.8%

Other REC Limits:NONE SPECIFIED

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 9192

Ingred Name:ANTIMONY (SARA III)

CAS:7440-36-0

RTECS #:CC4025000

Fraction by Wt: 0.2 - 2%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.5 MG/M3

ACGIH TLV:0.5 MG SB/M3; 9192

EPA Rpt Qty:5000 LBS

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE AND CHRONIC- HEALTH STUDIES HAVE SHOWN THAT POTENTIAL HEALTH RISKS MAY VARY BY INDIVIDUAL. ALWAYS MINIMIZE EXPOSURE AS A PRECAUTION. INHALE: MAY CAUSE RESPIRATORY TRACT IRRITATION. EYE: MAY CAUSE IRRITATION. SKIN: MAY CAUSE IRRITATION & BURN.

Explanation of Carcinogenicity
:CONTAINS LEAD

Effects of Overexposure:METALLIC TASTE IN THE MOUTH. IRRITATION OF THE RESPIRATORY TRACT.

Medical Cond Aggravated by Exposure:RESPIRATORY/LUNG CONDITIONS

===== First Aid Measures =====

First Aid:GET MEDICAL CARE. EYES: FLUSH WITH WATER FOR 15 MINUTES,HOLDING EYELIDS OPEN. SKIN:FOR BURNS,COOL WITH COLD WATER. INHALATION: REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. INGESTION: IF CONSCIOUS, DRINK LARGE AMOUNT OF WATER. GET MEDICAL HELP IMMEDIATELY.

===== Fire Fighting Measures =====

Flash Point:NONE
Extinguishing Media:DRY SAND, DRY CHEMICAL. DO NOT USE WATER.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:NONE

===== Accidental Release Measures =====

Spill Release Procedures:COLLECT AND USE. IF CONTAMINATED OR IN SMALL PARTICLES, VACUUM OR COLLECT MATERIAL. NEVER USE ANY METHOD WHICH GENERATE DUST.

===== Handling and Storage =====

Handling and Storage Precautions:STORAGE- KEEP AWAY FROM MOISTURE & STRONG OXIDIZERS.
Other Precautions:LEAD WARNING LABELS. KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY. DO NOT TAKE INTERNALLY. DO NOT GENERATE DUST. DO NOT BREATHE DUST OR FUMES. AVOID CONTACT WITH DUST OR FUMES.

===== Exposure Controls/Personal Protection

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Respiratory Protection:REQUIRED IF TLV'S ARE NOT BEING MAINTAINED. USE
NIOSH APPROVED RESPIRATOR FOR EITHER ORGANIC VAPORS, DUST/FUME
(HIGH EFFICIENCY FILTERS) OR BOTH IF TLVS ARE EXCEEDED.
Ventilation:LOCAL DUST PICK UP AND VENTILATION RECOMMENDED.
Protective Gloves:HEAT RESISTANT DURING SOLDERING
Eye Protection:FACE SHIELD/GOGGLES DURING SOLDERING
Other Protective Equipment:INSTALL EYE WASH STATION.
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND

RECOMMENDED PROCEDURES. WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING.
Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:N1
Boiling Pt:B.P. Text:2516F,1380C
Melt/Freeze Pt:M.P/F.P Text:361F,183C
Vapor Pres:1 @ 1626F
Spec Gravity:7.55
Solubility in Water:INSOLUBLE
Appearance and Odor:SILVER GREY SOLID, ODORLESS

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
STRONG OXID
IZING AGENTS
Stability Condition to Avoid:NONE
Hazardous Decomposition Products:TOXIC METAL FUMES ABOVE 1000 C (1832
F).

===== Disposal Considerations =====

Waste Disposal Methods:NEVER DISPOSE OF IN TRASH. HOLD FOR RECYCLING OR
DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND
FEDERAL REGULATIONS.

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