

GARDINER SOLDER CO, DIV OF GARDINER METAL CO -- TIN-LEAD -ANTIMONY ALLOY;PRODDUCT
CODE:20 -- 3439-00-224-3577

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Product Identification
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Product ID:TIN-LEAD -ANTIMONY ALLOY;PRODDUCT CODE:20

MSDS Date:08/01/1989

FSC:3439

NIIN:00-224-3577

MSDS Number: BHQSD

=== Responsible Party ===

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

Address:4820 S CAMPBELL AVE

City:CHICAGO

State:IL

Z

IP:60632-1416

Country:US

Info Phone Num:312-847-0100

Emergency Phone Num:312-847-0100

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

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Composition/Information on Ingredients
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Ingred Name:LEAD (SARA III)

CAS:7439-92-1

RTECS #:OF7525000

OSHA PEL:0.05 MG/M3;1910.1025

ACGIH TLV:0.15 M

G/M3;DUST 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:TIN

CAS:7440-31-5

RTECS #:XP7320000

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 9192

Ingred Name:ANTIMONY (SARA III)

CAS:7440-36-0

RTECS #:CC4025000

OSHA PEL:0.5 MG/M3

ACGIH TLV:0.5 MG SB/M3; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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Hazards Identification
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Chronic:LEAD MAY BE THE POTENTIAL HEALTH HAZARDS DURING SOLDERING PROCESS AND MAY RESULT IN DAMAGE TO THE BLOOD-FORMING, NERVOUS, URINARY AND REPRODUCTIVE SYSTEMS.HEALTH RISKS MAY VARY BY INDIVIDUALS.

Explanation of Carcinogenicity:DATA PER MSDS

Effects of Overexposure:LOSS OF APPETITE, METALLIC TASTE IN THE MOUTH, ANXIETY, CONSTIPATION, NAUSEA, PALLOR, EXCESSIVE TIREDNESS, WEAKNESS, INSOMNIA, HEADACHE, NERVOUS IRRITABILITY, MUSCLE AND JOINT SORENESS, TREMORS, DIZZI NESS , AND ABDOMINAL PAIN.

Medical Cond Aggravated by Exposure:MAY WORSEN RESPIRATORY SYSTEM.

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

First Aid:IF A PERSON BREATHES IN A LARGE AMOUNT OF DUST OR FUMES, REMOVE FROM EXPOSURE. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. CALL A PHYSICIAN. IF LEAD HAS BEEN INGESTED, INDUCE VOMITING IF THE INDIVIDUAL IS CONSCIOUS. CALL A PHYSICIAN. IF LEAD GETS IN EYES, FLUSH WITH A LARGE AMOUNT OF WATER. CALL A PHYSICIAN.

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

Flash Point:NONE

Extinguishing Media:USE DRY CHEMICAL.DO NOT USE WATER

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:NONE EXPECTED

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

Spill Release Procedures:CLEAN UP BY VA CUUMING TO MINIMIZE DUST

EXPOSURE. PROVIDE CLEAN UP EMPLOYEES WITH RESPIRATORS IF THE POSSIBILITY FOR EXPOSURE TO DUST OR FUMES EXISTS.

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

Handling and Storage Precautions:AVOID CONTACT WITH EYES AND SKIN.DO NOT BREATHE VAPORS/FUMES.FOLLOW GOOD HYGIENE PRACTICES

Other Precautions:DO NOT EAT,DRINK AND SMOKE IN WORK AREA.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NI

OSHA/MSHA APPROVED RESPIRATOR FOR LEAD, IF EXPOSURES EXCEED THE OSHA LIMIT.

Ventilation:USE ENOUGH VENTILATION WHEN CUTTING OR GRINDING TO KEEP THE DUST AND FUMES FROM THE WORKERS BREATHING ZONE & BELOW PEL.

Protective Gloves:LEATHER GLOVES

Eye Protection:OSHA APPROVED SAFETY GLASSES.

Other Protective Equipment:PROTECTIVE CLOTHING AND EYES WASH FACILITIES.

Work Hygienic Practices:WASH THOROUGHLY BEFORE EATING OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Sa

fety and Health

EXPOSURE TO LEAD IS REGULATED BY OSHA 1910.1025

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

HCC:N1

Boiling Pt:B.P. Text:3164F,1740C

Melt/Freeze Pt:M.P/F.P Text:361F,183C

Vapor Pres:1 MMHG

Spec Gravity:8.55

Solubility in Water:INSOLUBLE

Appearance and Odor:SILVER GREY SOLID,ODORLESS

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:NONE

Haz

ardous Decomposition Products:METAL OXIDE FUMES,TOXIC FUMES.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE & LOCAL LAWS AND REGULATIONS.

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