

GARDINER METAL CO -- 187 TIN LEAD ANTIMONY ALLOY AC-600 CORE -- 3439-00-184-8960
===== Product Identification =====

Product ID:187 TIN LEAD ANTIMONY ALLOY AC-600 CORE

MSDS Date:05/01/1990

FSC:3439

NIIN:00-184-8960

MSDS Number: BNKKG

=== Responsible Party ===

Company Name:GARDINER METAL CO

Address:4820 SOUTH CAMPBELL AVE

City:CHICAGO

State:IL

ZIP:60632-1416

Country:US

Info Phone Num:(312) 847-01

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Emergency Phone Num:(312) 847-0100

CAGE:73766

=== Contractor Identification ===

Company Name:GARDINER METAL CO

Address:4820 SOUTH CAMPBELL AVENUE

City:CHICAGO

State:IL

ZIP:60632

Country:US

Phone:312-847-0100, 800-424-9300

CAGE:73766

Company Name:GARDINER SOLDER COMPANY DIV GARDINER METAL CO

Address:4820 S CAMPBELL AVE

Box:City:CHICAGO

State:IL

ZIP:60632-1494

Country:US

Phone:312-847-0100 CHEMTREC AFTER HOURS

CAGE:84311

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

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ingred Name:LEAD, INORGANIC LEAD (SUSPECTED HUMAN CARCINOGEN BY IARC,
NTP & ACGIH)
CAS:7439-92-1
RTECS #:OF7525000
Fraction by Wt: 5-94.3%
OSHA PEL:0.05 MG/CUM
ACGIH TLV:0.15 MG/CUM
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

ingred Name:ANTIMONY
CAS:7440-36-0
RTECS #:CC4025000
Fraction by Wt: 0.2-2.2%
OSHA PEL:0.5 MG/CUM
ACGIH TLV:0.5 MG/CUM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

ingred Name:TIN (AS SN)
CAS:7440-31-5
RTECS #:XP7320000
Fraction by Wt: 5-94.3%
OSHA PEL:2.0 MG/CUM
ACGIH TLV:2.0 MG/C
UM

ingred Name:ZINC CHLORIDE
CAS:7646-85-7
RTECS #:ZH1400000
Fraction by Wt: 0.5-3%
OSHA PEL:1 MG/M3/2 STEL
ACGIH TLV:1 MG/M3/2STEL FUME93
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:INGESTION: METALLIC TASTE. INHALATION:
RESPIRATORY TRACT IRRITATION.
Explanation of Carcinogenici

ty:LEAD IS A SUSPECTED HUMAN CARCINOGEN BY
ACGIH.

Effects of Overexposure:INGESTION: METALLIC TASTE. INHALATION:
RESPIRATORY TRACT IRRITATION.

Medical Cond Aggravated by Exposure:RESPIRATORY & LUNG CONDITIONS

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

First Aid:SKIN: FLUSH W/WATER. TREAT FOR BURNS. EYES: FLUSH W/WATER.
INGESTION: DRINK LARGE AMOUNTS OF WATER. NEVER GIVE LIQUIDS TO AN
UNCONSCIOUS PERSON. INHALATION: REMOVE TO FRESH AIR. SUPPORT
RESP
IRATION I F REQUIRED. OBTAIN MEDICAL ATTENTION INALL CASES.

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

Flash Point:NONE

Extinguishing Media:DRY CHEMICAL. DON'T USE WATER.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS
>1627F.

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

Spill Release Procedures:COLLECT FOR REUSE, IF CONTAMINATED OR IN SMALL
PARTICLES, VACUUM OR COLLECT MATERIAL. NEVER USE ANY METHOD WHICH
WILL GEN
ERATE DUST.

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

Other Precautions:AVOID CONTACT W/FUMES & DUST.

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

Respiratory Protection:0.03 MG/CUM: HALF MASK, 2.5 MG/CUM: FULL FACE
MASK, 50 MG/CUM: SELF-SUSTAINED RESPIRATORY SUIT.

Ventilation:LOCAL EXHAUST: PREFERRED. MECHANICAL MAY BE USED. SPECIAL
HIGH EFFECIENCY PARTICULATE ARRESTING (HEPA) FILTERS REQUIRED

Protective Gloves:HEAT RESISTANT

Eye Prot

ection:GOGGLES OR FACE SHIELD

Work Hygienic Practices:WASH AFTER USE. FOLLOW GOOD INDUSTRIAL HYGIENIC PRACTICES.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:2516F

Melt/Freeze Pt:M.P/F.P Text:361F

Vapor Pres:1

Solubility in Water:INSOLUBLE

Appearance and Odor:SILVER GREY SOLID, ODORLESS

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIA

LS

Hazardous Decomposition Products:TOXIC METAL FUMES AT TEMPS. >1627F

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

Waste Disposal Methods:NEVER DISPOSE OF IN TRASH. HOLD FOR RECYCLING OR DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE, & LOCAL REGULATIONS.

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