

GARDINER SOLDER CO. -- WW-300 SOLDER (LEAD/TIN/ANTIMONY) -- 3439-00-517-8208

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Product Identification
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Product ID:WW-300 SOLDER (LEAD/TIN/ANTIMONY)

MSDS Date:04/20/1986

FSC:3439

NIIN:00-517-8208

MSDS Number: BGXJZ

=== Responsible Party ===

Company Name:GARDINER SOLDER CO.

Address:4820 SOUTH CAMPBELL AVE

City:CHICAGO

State:IL

ZIP:60632

Info Phone Num:312-847-0100

Emergency Phone Num:312-8

47-0100

Preparer's Name:TED VAN DER MOLEN

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:TIN

CAS:7440-31-5

RTECS #:XP7320000

Fraction by Wt: 61.5%

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 9192

Ingred Name:LEAD (SARA III)

CAS:7439-9

2-1
RTECS #:OF7525000
Fraction by Wt: 37.5%
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:ROSIN (LIMITS ANALYSED AS FORMALDEHYDE)
CAS:8050-09-7
Fraction by Wt: 3.0%
OSHA PEL:0.1 MG/M3
ACGIH TLV:0.1 MG/M3

Ingred Name:ANTIMONY
Fraction by Wt: 0.5%
OSHA PEL:0.05 MG SB/M3
ACGIH TLV:0.05 MG SB/M3

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

LD50 LC50 Mixture:ROSIN:ORAL RAT LD50>5000 MG/KG
Routes of Entry: Inhalat
ion:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:BY FAR THE GREATEST HEALTH HAZARD IS
INHALATION OF FUMES PRODUCED DURING USE OF THE PRODUCT IN A
SOLDERING OPERATION. CONTACT RESULTS IN THERMAL BURNS. INGESTION IS
NOT LIKELY.
Explanation of Carcinogenicity:HMIS FOUND REFERENCE WHERE IARC LISTS
INORGANIC LEAD;2B. ALSO NOTE NTP INFO UNDER "LEAD PHOSPHATE & LEAD
ACETATE".
Effects of Overexposure:EYES/SKIN:THERMA
L BURNS FROM CONTACT WITH
MOLTEN SOLDER,OR DERMATITIS/IRRITATION FROM FUMES.
INHALED:RESPIRATORY IRRITATION,NAUSEA,DIZZINESS. ABOVE 900F, LEAD
FUME POISONING MAY PRODUCE ANEMIA INSOMNI
A,WEAKNESS,NAUSEA,ABDOMINAL PAIN,KIDNEY& NERVOUS SYSTEM DISORDERS.
INGESTED:NOT LIKELY.
Medical Cond Aggravated by Exposure:NONE STATED BY MFR.

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

First Aid:SKIN/EYE: BURNS,FLUSH WITH WATER & IF SEVERE,GET MEDICAL
ATTENTION

. IRRITATION/DERMATITIS,REMOVE FROM EXPOSURE,GET MEDICAL ATTENTION. INHALED:REMOVE TO FRESH AIR, CONSULT A PHYSICIAN. INGESTED:CALL POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point:NONE

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS WITH FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:AT ELEVATED TEMPERATURES,MAY EMIT HIGHLY TOXIC FUMES(ESPECIALLY LEAD).

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

Spill Release Procedures:COOL TO SOLIDIFY THEN SCRAPE UP. BEWARE OF FIRES CAUSED BY MOLTEN METAL.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:NO SPECIAL STORAGE REQUIREMENTS.

Other Precautions:FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

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

Respiratory Protection:WEAR NIOSH ORGANIC VAPOR RESPIRATOR IF EXPOSURE EXCEEDS TLV.

Ventilation:PROVIDE GENERAL OR LOCAL EXHAUST TO MAINTAIN EXPOSURES BELOW TLV.

Protective Gloves:MFR:NONE HMIS:PROTECT FROM,THERMAL BURNS

Eye Protection:GOGGLES OR FACE SHIELD.

Other Protective Equipment:NONE NORMALLY NEEDED.

Work Hygienic Practices:USE NORMAL CHEMICAL HYGIENE PRACTICES. WASH BEFORE EATING,DRINKING,SMOKING. DO NOT EAT,DRINK,SMOKE IN AREA OF USE).

Supplemental Safety and Health

PRODUCT CODE 196. % COMPOSITION FROM SPEC.

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

HCC:N1

Solubility in Water:INSOLUBLE

Appearance and Odor:SILVER-GRAY METAL WIRE,ODORLESS.

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS,OXIDIZERS.

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:FUMES OF THE METAL COMPONENTS(ESPECIALLY LEAD) AND FROM

THE ROSEN CORE;CO,ABIETIC
ACID,ALDEHYDES,DITERPENE ACIDS.

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

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.
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