

ALPHA METALS,INC. -- RELIACOR II ROSIN CORE SOLDER -- 3439-01-012-3281

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Product Identification
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Product ID:RELIACOR II ROSIN CORE SOLDER

MSDS Date:02/20/1987

FSC:3439

NIIN:01-012-3281

MSDS Number: BGDGZ

=== Responsible Party ===

Company Name:ALPHA METALS,INC.

Address:600 ROUTE 440

City:JERSEY CITY

State:NJ

ZIP:07304

Country:US

Info Phone Num:201-434-6778

Emergency Phone Num:201-434-6778

*CHEMTREC*800-424-9300

CAGE:EO354

=== Contractor Identification ===

Company Name:ALPHA METALS,INC.

Address:600 ROUTE 440

Box:City:JERSEY CITY

State:NJ

ZIP:07304

Country:US

Phone:201-434-6778

CAGE:EO354

Company Name:FRYS METALS INC (FORMER ALPHA METALS)

Address:600 ROUTE 440

Box:City:JERSEY CITY

State:NJ

ZIP:07304

Country:US

Phone:201-434-6778

CAGE:96613

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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%

OSH

A PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9192

Ingred Name:LEAD (SARA III)
CAS:7439-92-1
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:ANTIMONY (SARA III)
CAS:7440-36-0
RTECS #:CC4025000
Fraction by Wt: 0.5%
OSHA PEL:0.5 MG/M3
ACGIH TLV:0.5 MG SB/M3; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:BISMUTH
CAS:7440-69-9
RTECS #:EB2600000
Fraction by Wt: 0.25%

Ingred Name:COPPER (SARA III)

CAS:7440-50-8
RTECS #:GL5325000
Fraction by Wt: 0.08%
OSHA PEL:0.1MG/M3 FUME/1 DUST
ACGIH TLV:0.2MG/M3 FUME; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ROSIN
CAS:8050-09-7
Fraction by Wt: 3.0%
ACGIH TLV:0.2 MG/CUM (FUME)

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

LD50 LC50 Mixture:ROSIN: ORAL-RAT LD50 >5000 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chroni

c:BY FAR THE GREATEST HEALTH HAZARD

IS:INHALATION OF FUMES PRODUCED DURING USE OF THE PRODUCT DURING A SOLDERING OPERATION.CONTACT RESULTS IN THERMAL BURNS.INGESTION IS NOT LIKELY.

Explanation of Carcinogenicity:HMIS FOUND REFERENCE WHERE IARC LISTS LEAD AS GROUP 3.

Effects of Overexposure:EYES/SKIN: THERMAL BURNS FROM CONTACT WITH MOLTEN SOLDER OR DERMATITIS/IRRITATION FROM FUMES. INHALED: RESPIRATORY IRRITATION,NAUSEA,DIZZINESS. ABOVE 900F,LEAD FUME POISONING MAY PR

ODUCE ANEMIA,INSOMNIA,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
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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.

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Fire Fighting Measures
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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)

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Accidental Release Measures
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Spill Release Procedures:COOL TO SOLIDIFY THEN SCRAPE UP. BEWARE OF FI

RES CAUSED BY MOLTEN METAL.

Neutralizing Agent:NONE

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Handling and Storage
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Handling and Storage Precautions:NO SPECIAL STORAGE REQUIREMENTS.

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

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Exposure Controls/Personal Protection
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Respiratory Protection:WEAR NIOSH ORGANIC VAPOR RESPIRATOR IF EXPOSURE EXCEEDS TLV.

Ventilation:PROVIDE GENERAL OR LOCAL EXHAUST TO MAINTAIN

TAIN 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

MSDS IS FROM MFR'S GENERIC DATA. INGREDIENTS ARE TAKEN FROM SPEC.

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Physical/Chemical Properties
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HCC:N1

Solubility in Water:INSOLUBLE

Appearance and Odor:SILVER-GRAY METAL WIRE,ODORLESS

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Stability and Reactivity Data
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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 ROSIN CORE;CO,ABIETIC ACID,ALDEHYDES,DITERPENE ACIDS.

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Disposal Considerations
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Waste Disposal Methods

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

ALLOY PORTION IS RECLAIMABLE.

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