

ALPHA METALS -- RELIACOR 11 ROSIN CORE SOLDER -- 3439-01-012-3281

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Product Identification  
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Product ID:RELIACOR 11 ROSIN CORE SOLDER

MSDS Date:07/19/1990

FSC:3439

NIIN:01-012-3281

MSDS Number: BSYZF

=== Responsible Party ===

Company Name:ALPHA METALS

Address:600 ROUTE 440

City:JERSEY CITY

State:NJ

ZIP:07304

Country:US

Info Phone Num:201-434-6778

Emergency Phone Num:201-434-6778/800-424-9

300(CHEMTREC)

CAGE:96613

=== Contractor Identification ===

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:LEAD (SARA III)

CAS:7439-92-1

RTECS #:OF7525000

Fraction by Wt: SEE # 7%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE 1910.1025

ACGIH TLV:0.15 MG/M3,DUST;9394

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred

Name:TIN  
CAS:7440-31-5  
RTECS #:XP7320000  
Fraction by Wt: SEE # 7%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9394

Ingred Name:SILVER (SARA III)  
CAS:7440-22-4  
RTECS #:VW3500000  
Fraction by Wt: SEE # 7%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.01 MG/M3  
ACGIH TLV:0.1 MG/M3; 9394  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:BISMUTH  
CAS:7440-69-9  
RTECS #:EB2600000  
Fraction by Wt: SEE # 7%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:ANTIMONY (SARA III)  
CAS:7440-3  
6-0  
RTECS #:CC4025000  
Fraction by Wt: SEE # 7%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.5 MG/M3  
ACGIH TLV:0.5 MG (SB)/M3; 9394  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:INDIUM  
CAS:7440-74-6  
RTECS #:NL1050000  
Fraction by Wt: SEE # 7%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.1 MG/M3  
ACGIH TLV:0.1 MG/M3; 9394

Ingred Name:THE MANUFACTURER STATES THAT PRODUCT CONTAINS ONE/MORE OF  
THESE METALS IN VARIOUS PERCENTAGE. SEE LABEL FOR COMPOSITION.  
RTECS #:9999999ZZ  
Other REC Limits

:NONE RECOMMENDED  
OSHA PEL:NOT RELEVANT  
ACGIH TLV:NOT RELEVANT

Ingred Name:ROSIN ACID  
CAS:8050-09-7  
Fraction by Wt: 1 - 4%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.1MG/M3,FORMALDEHYD  
ACGIH TLV:AS LOW AS POSSIBLE.

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) FOR ROSIN: >5,000 MG/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:ACUTE- MA

Y CAUSE EYE IRRITATION &

BURNS, SKIN RASH, RESPIRATORY TRACT IRRITATION. INGESTION UNLIKELY.  
CHRONIC- HIGH LEVELS OF AIRBORNE/INGESTED LEAD MAY CAUSE ANEMIA,  
INSOMNIA, WEAKNESS, CONSTIPATION & KIDNEY, NERVOUS SYSTEM DAMGE.  
MAY CAUSE INJURY TO A DEVELOPING FETUS. TARGET ORGANS:CNS, EYE,  
SKIN, RESPIRATORY TRACT.

Explanation of Carcinogenicity:CONTAINS LEAD

Effects of Overexposure:EYE AND RESPIRATORY TRACT IRRITATION, SKIN  
BURNS & RASHES, EYE BURNS, WEAKNESS, CONSTIPATION,  
NAUSEA,

DIZZINESS, HEADACHE, ABDOMINAL PAIN

Medical Cond Aggravated by Exposure:DISEASES OF THE BLOOD AND BLOOD  
FORMING ORGANS, KIDNEYS, NERVOUS SYSTEM AND POSSIBLY REPRODUCTIVE  
SYSTEMS MAY BE AGGRAVATED BY OVEREXPOSURE TO LEAD.

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

First Aid:EYE:IMMEDIATELY FLUSH WITH COOL WATER & OBTAIN MEDICAL AID.

SKIN:FOR BURNS, FLUSH WITH COOL WATER FOR RASH REMOVE FROM EXPOSURE  
& CONSULT A PHYSICIAN. INHALED:REMOVE TO F

RESH AIR. PROVIDE

CPR/OXYGEN & OBTAIN MEDICAL AID. ORAL:CALL A PHYSICIAN/POISON  
CONTROL CENTER IMMEDIATELY.

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

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL  
FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED  
CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND  
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:WH

EN HEATED TO HIGH TEMPERATURES, LEAD  
EMITS HIGHLY TOXIC FUMES.

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

Spill Release Procedures:COLLECT AND USE. IF IN MOLTEN STATE, ALLOW TO  
COOL AND SOLIDIFY. THEN SCRAPE UP.  
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:KEEP AWAY FROM INCOMPATIBLE MATERIALS.  
FOOD AND DRINK SHOULD NOT BE CONSUMED IN AREAS WHERE METAL  
EXPOSURES ARE POSSIBLE.

Other Precautions:READ WARNING LABELS. KEEP OUT OF REACH OF CHILDREN.  
FOR INDUSTRIAL USE ONLY. DO NOT BREATHE FUMES. DO NOT TAKE  
INTERNALLY. ALWAYS WASH HANDS AFTER HANDLING CORE SOLDER AND BEFORE  
EATING, DRINKING OR SMOKING.

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

Respiratory Protection:REQUIRED IF TLV'S ARE NOT BEING MAINTAINED. USE  
NIOSH APPROVED RESPIRATOR FOR LEAD DUST/FUME (HIGH EFFICIENCY  
FILTERS) IF TLVS ARE EXCEEDED.

Ventilation:USE GENERAL & LOCAL EXHAUST AT FLAME TO KEEP FUMES AND  
GASES BELOW TLV'S IN THE WORKER'S BREATHING ZONE & GENERAL AREA.

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.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A UNDER THE SAME  
NSN. FORM IS W.

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

HCC:T6

NRC/State Lic Num:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:INSOLUBLE

Appearance and Odor:SILVER-GRAY METAL WIRE, VARIOUS SHAPES AND SIZES -  
NO ODOR

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS, STRONG ACIDS

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:MAY FORM LEAD OXIDE FU

ME, CARBON

MONOXIDE, CARBON DIOXIDE, ABIETIC ACID, ALIPHATIC ALDEHYDE AND  
DITERPENE ACIDS.

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

Waste Disposal Methods: NEVER DISPOSE OF IN TRASH. HOLD FOR RECYCLING.  
THE ALLOY PORTION IS RECLAIMABLE. DISPOSE OF IN ACCORDANCE WITH ALL  
APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

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