

ALPHA METALS -- RELIACOR 11 ROSIN CORE SOLDER -- 3439-01-026-1084

===== Product Identification =====

Product ID:RELIACOR 11 ROSIN CORE SOLDER

MSDS Date:07/19/1990

FSC:3439

NIIN:01-026-1084

MSDS Number: BSYKV

=== 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:201-434-6778/800-424-93

00(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

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

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 N

ame: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:7440-36
-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 VARING 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.

===== 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- MAY
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 DAMEGE.
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, N
AUSEA,
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.

===== 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 FR
ESH AIR. PROVIDE
CPR/OXYGEN & OBTAIN MEDICAL AID. ORAL:CALL A PHYSICIAN/POISON
CONTROL CENTER IMMEDIATELY.

===== 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:WHE

N 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 S MOKING.

===== 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.

Ventilat
ion: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.

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===== 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 FUME, 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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