

RELIACOR 11 ROSIN CORE SOLDER

MSDS Number

BSYKV

National Stock Number

3439-01-026-1084

Product Name

RELIACOR 11 ROSIN CORE SOLDER

Manufacturer

ALPHA METALS

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

ALPHA METALS

600 ROUTE 440

JERSEY CITY , NJ 07304

US

Emergency Phone: 201-434-6778/800-424-9300(CHEMTREC)

Info Phone: 201-434-6778

Cage: 96613

Contractor

FRYS METALS INC (FORMER ALPHA METALS)

JERSEY CITY, NJ 07304

US

201-434-6778

Cage: 96613

Ingredients

LEAD (SARA III)

CAS: 7439-92-1

RTECS: OF7525000

Fraction By Weight: SEE # 7%

OSHA PELSEE 1910.1025

ACGIH TLV: 0.15 MG/M3,DUST;9394

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

TIN

CAS: 7440-31-5

RTECS: XP7320000

Fraction By Weight: SEE # 7%

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3; 9394

SILVER (SARA III)

CAS: 7440-22-4

RTECS: VW3500000

Fraction By Weight: SEE # 7%

OSHA PEL0.01 MG/M3

ACGIH TLV: 0.1 MG/M3; 9394

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

BISMUTH

CAS: 7440-69-9

RTECS: EB2600000

Fraction By Weight: SEE # 7%

ANTIMONY (SARA III)

CAS: 7440-36-0

RTECS: CC4025000

Fraction By Weight: SEE # 7%

OSHA PEL0.5 MG/M3

ACGIH TLV: 0.5 MG (SB)/M3; 9394

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

INDIUM

CAS: 7440-74-6

RTECS: NL1050000

Fraction By Weight: SEE # 7%

OSHA PEL0.1 MG/M3

ACGIH TLV: 0.1 MG/M3; 9394

THE MANUFACTURER STATES THAT PRODUCT CONTAINS ONE/MORE OF

RTECS: 9999999ZZ

OSHA PELNOT RELEVANT

ACGIH TLV: NOT RELEVANT

ROSIN ACID

CAS: 8050-09-7

Fraction By Weight: 1 - 4%

OSHA PEL0.1MG/M3, FORMALDEHYD

ACGIH TLV: AS LOW AS POSSIBLE.

Hazards

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 DAMAGE. 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.

First Aid

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

Fire Fighting

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: WHEN HEATED TO HIGH TEMPERATURES, LEAD EMITS HIGHLY TOXIC FUMES.

Accidental Release

Spill Release Procedures: COLLECT AND USE. IF IN MOLTEN STATE, ALLOW TO COOL AND SOLIDIFY. THEN SCRAPE UP.

Neutralizing Agent: NOT RELEVANT

Handling

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

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.

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

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

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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.