

ALPHA METALS -- ENERGIZED ROSIN CORE SOLDER -- 3439-00-824-9856

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

Product ID:ENERGIZED ROSIN CORE SOLDER

MSDS Date:03/13/1989

FSC:3439

NIIN:00-824-9856

MSDS Number: BHQCS

=== 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:800-424-9300

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:ENERGIZED ROSIN CORE SOLDER INGREDIENTS OTHER THAN ROSIN.

(LEAD, TIN, SILVER, BISMUTH, ANTIMONY, INDIUM).

Fraction by Wt: 96-99%

OSHA PEL:0.01-2.0 MG/CUM

ACGIH TLV:0.1-2.0 MG/CUM

Ingred Name:ROSIN ACID

CAS:8050-09-7

Fraction b

y Wt: 1-4%
ACGIH TLV:0.10 MG/CUM

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS >5000 MG/KG (ROSIN)
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALE: IN MOLTEN STATE, ROSIN FUMES CAN CAUSE RESPIRATORY IRRITATION, DIZZINESS, HEADACHE. LEAD COULD CAUSE ANEMIA, INSOMNIA, WEAKNESS, CONSTIPATION, NAUSEA, AND ABDOMINAL PAIN.
SKIN: MOLTEN S OLDER WILL CAUSE BURNS. CAN CAUSE RASH.CHRONIC: NONE SPECIFIED BY MANUFACTURER.
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:PROLONGED EXPOSURE TO HIGH LEVELS OF AIRBORNE OR INGESTED LEAD MAY RESULT IN KIDNEY AND NERVOUS SYSTEM INVOLVEMENT.
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF SKIN AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION: REMOVE SUBJECT TO FRESH AIR. IF BREATHING DIFFICULT, ADMINISTER OXYGEN AND CONSULT A DOCTOR. EYE: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION.
SKIN: WASH WITH SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

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

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE.
Unusual Fire/Explosion Hazard:WHEN HEATED TO HIGH TEMPERATURES, LEAD EMITS HIGHLY TOXIC FUMES.

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

Spill Release Procedures:SOLID AT ROOM TEMPERATURE. IF IN MOLTEN STATE ALLOW TO COOL AND SOLIDIFY AND THEN SCRAPE UP.
Neutralizing Agent:NONE APPLICABLE FOR THIS MATERIAL

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

===

Handling and Storage Precautions:NO SPECIAL REQUIREMENTS FOR STORAGE.
Other Precautions:FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

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

Respiratory Protection:NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS IF TLV'S ARE EXCEEDED.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND /OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE LEVELS BELOW TLV'S.

Protective Gloves:NOT USUALLY NECESSARY.

Eye Protection:FACE SHIELD/EYE GOGGLES WHEN SOLDERING.

Other Protective Equipment:NOT USUALLY NECESSARY.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. NO EATING, DRINKING, SMOKING, OR APPLYING COSMETICS AROUND SOLDER USE.

Supplemental Safety and Health

SINCE EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUES ALL LABELED HAZARD PRECAUTIONS MUST BE OBSERVED.

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

HCC:N1

Solubility in Water:INSOLUBLE

Appearance and Odor:SILVER-GRAY METAL WIRE, ODORLESS, VARIOUS SHAPES AND SIZES

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

Stability Indicator/Materials to Avoid:YES
OXIDIZING MATERIALS, STRONG ACIDS.

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:THE SMOKE FROM SOLDERING OPERATION MAY INCLUDE SUCH COMPOUNDS AS CARBON MONOXIDE, ABIETIC ACID, ALIPHATIC ALDEHYDES.

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

=====

Waste Disposal Methods:THE ALLOY PORTION IS RECLAIMABLE. DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND 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 utiliz

ing this

document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.