

ALPHA METALS -- PLASTIC ROSIN CORE SOLDER -- 3439-00-824-9858

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

Product ID:PLASTIC ROSIN CORE SOLDER

MSDS Date:03/13/1989

FSC:3439

NIIN:00-824-9858

MSDS Number: BHQCT

=== 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

=== Con

tractor 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:PLASTIC 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 by Wt: 1

-4%  
ACGIH TLV:0.10 MG/CUM

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===== 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: M  
OLTEN 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.

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===== 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 WIT H SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING.  
GET IMMEDIATE MEDICAL ATTENTION.

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

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

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===== 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

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

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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.

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===== 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.

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

HCC:N1

Solubility in Water:INSOLUBLE

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

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===== 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.

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

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

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