

ALPHA METALS -- ENERGIZED-PLUS ROSIN CORE SOLDER -- 3439-00-167-5577

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Product Identification
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Product ID:ENERGIZED-PLUS ROSIN CORE SOLDER

MSDS Date:07/19/1990

FSC:3439

NIIN:00-167-5577

MSDS Number: BRTDS

=== 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

CAG

E: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

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.05 MG/M3;1910.1025

ACGIH TLV:0.15 MG/M3;DUST 9293

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:TIN

CAS:7440-31-5

RTECS #:XP73

20000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9293

Ingred Name:SILVER (SARA III)
CAS:7440-22-4
RTECS #:VW3500000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.01 MG/M3
ACGIH TLV:0.1 MG/M3; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:BISMUTH
CAS:7440-69-9
RTECS #:EB2600000
Other REC Limits:NONE RECOMMENDED

Ingred Name:ANTIMONY (SARA III)
CAS:7440-36-0
RTECS #:CC4025000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.5 MG/M3
ACGIH TLV:0.5 MG SB/M3; 9293
EPA Rp
t Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:INDIUM
CAS:7440-74-6
RTECS #:NL1050000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.1 MG/M3
ACGIH TLV:0.1 MG/M3; 9293

Ingred Name:ROSIN ACID
CAS:8050-09-7
Fraction by Wt: 1-4%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >5000 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Haza

Effects Acute and Chronic: INHALATION-MAY CAUSE AN ALLERGIC REACTION SUCH AS RASH OR THROAT AND RESPIRATORY IRRITATION IN A SENSITIVE PERSON. INGESTION-ESSENTIALLY NON-HAZARDOUS AT ROOM TEMPERATURE. (NOT LIKELY TO OCCUR). SKIN-REPEATED EXPOSURE TO ROSIN FUME MAY CAUSE SKIN RASH. EYES-ROsin FUME CAN CAUSE EYE IRRITATION.

Explanation of Carcinogenicity: NOT A LISTED CARCINOGEN.

Effects of Overexposure: INHALATION-EXPOSURE TO ROSIN FUME MAY CAUSE DIZZINESS OR HEADACHE. SKIN-MOLTEN CORE SOLDER WILL CAUSE BURNS.

EYES-MOLTEN ROSIN CORE FLUX WILL CAUSE EYE BURNS.

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

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

First Aid: INHALE: REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN & CONSULT A PHYSICIAN. INGEST: CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SKIN FOR BURNS COOL WITH WATER

& OBTAIN MEDICAL AID. FOR RASH, REMOVE FROM EXPOSURE & CONSULT PHYSICIAN. EYE: FOR BURNS FLUSH IMMEDIATELY WITH COOL WATER & OBTAIN MEDICAL AID.

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

Fire Fighting Procedures: USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING IF INVOLVED IN A 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.

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

Handling and Storage Precautions: NO SPECIAL REQUIREMENTS FOR STORAGE. READ ALL CONTAINER LABELING. ALWAYS WASH HANDS AFTER HANDLING CORE SOLDER AND BEFORE EATING, DRINKING OR SMOKING.

Other Precautions: SINCE EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUES, ALL LABELS

D HAZARD PRECAUTIONS MUST BE OBSERVED. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

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

Respiratory Protection:NIOSH APPROVED REESPIRATOR FOR ORGANIC AVPORS IF TLVS ARE EXCEEDED.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL &/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE LEVELS BELOW TLVS.

Protective Gloves:NOT USUALLY NECESSARY.

Eye Protection:USE FACE SHIELD OR EYE GOGGLE

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Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

NONE.

===== 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.

Stabi

lity Condition to Avoid:NONE

Hazardous Decomposition Products:WELDING AND CUTTING OPERATION MAY INCLUDE OXIDES OF LEAD, TIN, COMPLEX METALLICS, AND OZONE.

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

Waste Disposal Methods:THIS ALLOY PORTION IS RECLAIMABLE. MUST BE IN ACCORDANCE WITH FEDERAL, STATE & LOCAL LAWS AND REGULATIONS.

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