

ALPHA METALS -- ENERGIZED ROSIN CORE SOLDER -- 3439-01-050-4788

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Product Identification  
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Product ID:ENERGIZED ROSIN CORE SOLDER

MSDS Date:06/27/1986

FSC:3439

NIIN:01-050-4788

MSDS Number: BHXPX

=== 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 (CHEMTREC)

CA

GE:96613

=== Contractor Identification ===

Company Name:DEANCO INC

Address:7933 QUEENAIR DR

Box:City:GAITHERSBURG

State:MD

ZIP:20879-4137

Country:US

Phone:301-948-5444

CAGE:9K946

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

Fraction by Wt: 62.5%

OSHA PEL:0.05

MG/M3;1910.1025  
ACGIH TLV:0.15 MG/M3;DUST 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:TIN  
CAS:7440-31-5  
RTECS #:XP7320000  
Fraction by Wt: 62.5%  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9192

Ingred Name:ANTIMONY (SARA III)  
CAS:7440-36-0  
RTECS #:CC4025000  
Fraction by Wt: 0.5%  
OSHA PEL:0.5 MG/M3  
ACGIH TLV:0.5 MG SB/M3; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ROSIN ACID  
CAS:8050-09-7  
ACGIH TLV:0.10 MG/M3

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

LD50 LC50 Mixture:ORAL LD50 (RATS) > 5000 MG/KG (ROSIN)  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MOLTEN SOLDER ALLOYS DO NOT PRODUCE  
SIGNIFICANT LEAD FUME BELOW 700F. EXPOSURE TO HIGH LEVELS OF  
AIRBORNE OR INGESTED LEAD MAY PRODUCE SYMPTOMS OF ANEMIA,  
INSOMINIA, WEAKNESS, CONSTIPATION, NAUSEA & ABDOMINAL PAIN.  
PROLONGED EXPOSURE MAY RESULT IN KIDNEY & NERVOUS SYSTEM  
INVOLVE  
MENT. PREGNANT WOMEN SHOULD AVOID LEAD.  
Explanation of Carcinogenicity:NOT LISTED BY NTP, IARC OR OSHA AS A  
CARCINOGEN.  
Effects of Overexposure:LOSS OF APPETITE, METALLIC TASTE IN THE MOUTH,  
ANXIETY, CONSTIPATION, NAUSEA, PALLOR, EXCESSIVE TIREDNESS,  
WEAKNESS, INSOMNIA, HEADACHE, NERVOUS IRRITABILITY, MUSCLE AND  
JOINT SORENESS, TREMORS, DIZZI NESS, AND ABDOMINAL PAIN. WHEN  
HEATED, FUMES MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION.  
SOLDER CAN CAUSE BURNS.

Medical Co

nd Aggravated by Exposure:DISEASES OF THE BLOOD-FORMING,  
NERVOUS, URINARY AND REPRODUCTIVE SYSTEMS. EXPOSURE TO LEAD MAY  
RESULT IN INJURY TO A DEVELOPING FETUS.

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First Aid Measures  
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First Aid:IF A PERSON BREATHES IN A LARGE AMOUNT OF ROSIN FUME, REMOVE  
FROM EXPOSURE. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN AND  
CALL A PHYSICIAN. IF LEAD HAS BEEN INGESTED, IMMEDIATELY CALL A  
PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

FOR EYE BURNS, FLUSH IMMEDIATELY WITH COOL WATER AND OBTAIN MEDICAL  
AID. FOR SKIN BURNS, COOL WITH WATER AND OBTAIN MEDICAL AID.

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Fire Fighting Measures  
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Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:NONE

Lower Limits:NONE

Upper Limits:NONE

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER  
SPRAY TO COOL NEARBY CONTAINERS  
EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE  
PRODUCTION OF HAZARDOUS LEAD FUMES.

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Accidental Release Measures  
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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  
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Handling and Storage Precautions:NO SPECIAL REQUIREMENTS FOR STORAGE.  
READ ALL CONTAINER LABELING. FOOD AND DRINK SHOULD NOT BE CONSUMED  
OR TOBACCO PRODUCTS USED WHERE SOLDER IS USED.

Other Precautions:SINCE EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUES,  
ALL LABELED HAZARD PRECAUTIONS MUST BE OBSERVED. FOR INDUSTRIAL USE  
ONLY. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

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Exposure Controls/Personal Protection  
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Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR LEAD, IF  
EXPOSURES EXCEED THE OSHA LIMIT.

Ventilation:USE ENOUGH VENTILATION (GENERAL)

ERAL/LOCAL) TO KEEP THE FUMES  
FROM THE WORKERS BREATHING ZONE & BELOW PEL.

Protective Gloves:LEATHER GLOVES

Eye Protection:OSHA APPROVED SAFETY GLASSES.

Other Protective Equipment:NONE REQUIRED

Work Hygienic Practices:WASH THOROUGHLY BEFORE EATING OR SMOKING.

LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

EXPOSURE TO LEAD IS REGULATED BY OSHA 1910.1025

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

HCC:N1

Vapor Pres:NIL

Vapor Density:N

IL

Evaporation Rate & Reference:NIL

Solubility in Water:NEGLIGIBLE

Appearance and Odor:SILVER-GRAY METAL WIRE, ODORLESS.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:THE SMOKE FROM A SOLDERING OPERATION

MAY INCLUDE CARBON MONOXIDE, ABIETIC ACID, ALIP

HATIC ALDEHYDES &

DITERPENE ACIDS.

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

Waste Disposal Methods:RECLAIM ALLOY OR DISPOSE OF IN ACCORDANCE WITH  
FEDERAL, STATE & LOCAL LAWS AND REGULATIONS.

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