

UNI-CORE LEAK-PRUF ACID II SOLDER

MSDS Number

BKCHH

National Stock Number

3439-00-184-8960

Product Name

UNI-CORE LEAK-PRUF ACID II SOLDER

Manufacturer

ALPHA METALS

Product Identification

Product ID:UNI-CORE LEAK-PRUF ACID II SOLDER

MSDS Date:08/01/1990

FSC:3439

NIIN:00-184-8960

MSDS Number: BKCHH

Responsible Party

ALPHA METALS

600 ROUTE 440

JERSEY CITY , NJ 07304

US

Emergency Phone: 201-434-6778, CHEMTREC 800-424-9300

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

OSHA PEL0.05 MG/M3;1910.1025

ACGIH TLV: 0.15 MG/M3;DUST 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

TIN

CAS: 7440-31-5

RTECS: XP7320000

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3; 9192

SILVER (SARA III)

CAS: 7440-22-4

RTECS: VW3500000

OSHA PEL0.01 MG/M3

ACGIH TLV: 0.1 MG/M3; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

BISMUTH

CAS: 7440-69-9

RTECS: EB2600000

ANTIMONY (SARA III)

CAS: 7440-36-0

RTECS: CC4025000

OSHA PEL0.5 MG/M3

ACGIH TLV: 0.5 MG SB/M3; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

INDIUM

CAS: 7440-74-6

RTECS: NL1050000

OSHA PEL0.1 MG/M3

ACGIH TLV: 0.1 MG/M3; 9192

AMMONIUM CHLORIDE (SARA III)

CAS: 12125-02-9

RTECS: BP4550000

Fraction By Weight:

OSHA PEL10 MG/M3/20 STEL

ACGIH TLV: 10 MG/M3 FUME; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-INHALATION OF FUMES(DURING SOLDERING):IRRITATION OF EYES AND RESPIRATORY TRACT SYSTEM.

CHRONIC:LONG AND REPEATED EXPOSURE TO METAL FUMES MAY CAUSE HEADACHE, NAUSEA/VOMITING, ACHING BONES, FATIGUE, DECREASED APPETITE, ABDOMINAL CRAMPING, ANEMIA, BRAIN, HEART, LUNG, LIVER AND KIDNEY DEGENERATIVE CHANGES.

Effects of Overexposure:EXPOSURE TO FUMES MAY RESULT IN IRRITATION OF

NOSE, THROAT, EYES AND SKIN. BURNS FROM SKIN CONTACT OF MOLTEN SOLDER. Watery eyes, headache, breathing difficulty, frequent coughing.

Medical Cond Aggravated by Exposure:SOME WORKERS WITH PRE-EXISTING CONDITIONS OF LUNGS, EYES, SKIN, AND THOSE PREVIOUSLY EXPOSED TO LEAD & ANTMONY MAY BE AT INCREASED RISK.

First Aid

First Aid:SKIN BURNS:FLUSH WITH COLD WATER OR APPLY ICE. IN CASE OF SEVERE BURNS GET MEDICAL HELP. EYE IRRITATION:FLUSH WITH WATER FOR 15 MINUTES. INHALATION:REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF BREATHING IS DIFFICULT. IF NOT BREATHING, BEGIN ARTIFICIAL RESPIRATION. GET MEDICAL HELP. INGESTION:GET MEDICAL HELP.

Fire Fighting

Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:OXIDES OF METALS, METAL AND ACID FUMES.

Accidental Release

Spill Release Procedures:CLEAN UP ANY DUST OR WASTE RESIDUES AND PLACE IN SUITABLE DOT APPROVED CONTAINERS AND DISPOSE OF IN FULL COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. AVOID INHALATION AND SKIN EXPOSURE.
Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:NO SPECIAL REQUIREMENTS FOR STORAGE. WEAR GLOVES AND FLAME RETARDANT CLOTHING WHEN SOLDERING.
Other Precautions:DO NOT INHALE FUMES.

Exposure Controls

Respiratory Protection:USE FUME/ORGANIC VAPOR RESPIRATOR OR AIR SUPPLIED RESPIRATOR WHEN SOLDERING IN A CONFINED SPACE OR WHERE LOCAL EXHAUST OR GENERAL VENTILATION DOES NOT KEEP EXPOSURE BELOW RECOMMENDED LIMITS. USE ONLY NIOSH APPROVED RESPIRATORS.
Ventilation:USE ENOUGH VENTILATION WHEN SOLDERING TO KEEP THE DUST, FUMES & GASES BELOW TLV.
Protective Gloves:LEATHER GLOVES
Eye Protection:OSHA APPROVED GOGGLES/FACE SHIELD
Other Protective Equipment:FLAME RETARDANT CLOTHING AND LEATHER GLOVES WHEN SOLDERING.
Work Hygienic Practices:WASH THOROUGHLY BEFORE EATING OR SMOKING. LAUNDER CONTAMINATIED CLOTHING BEFORE REUSE.
Supplemental Safety and Health

Chemical Properties

HCC:N1
Solubility in Water:INSOLUBLE
Appearance and Odor:SILVER-GREY METAL WIRE, ODORLESS, VARIOUS SHAPES AND SIZES

Stability

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS AND BASES
Stability Condition to Avoid:HIGH HEAT
Hazardous Decomposition Products:TOXIC METAL FUMES ABOVE 886C(1627F). FROM THE CORE ACID FUMES.

Disposal

Waste Disposal Methods:DISPOSE OF ACCORDING TO FEDERAL, STATE & LOCAL REGULATIONS.

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