View NSN Online: https://aerobasegroup.com/nsn/3439-00-188-6988

Product ID:FLOWSOLDER ALLOYS MSDS Date:01/29/1991 FSC:3439 NIIN:00-188-6988 MSDS Number: BQSCT === Responsible Party === Company Name: FEDERATED-FRY METALS INC, DIV OF COOKSON AMERICA Address:6TH AVE AND 41ST ST City:ALTOONA State:PA ZIP:16602 Country:US Info Phone Num:814-946 -1611 Emergency Phone Num:814-946-1611,800-424-9300(CHEMTREC) Preparer's Name: DON PORTER CAGE:65172 === Contractor Identification === Company Name: FRY TECHNOLOGY DIV OF COOKSON AMERICA INC Address:6TH AVE AND 41ST ST Box:City:ALTOONA State:PA ZIP:16602 Country:US Phone:814-946-1611 CAGE:65172

Ingred Name:TIN CAS:7440-31-5 RTECS #:XP7320000 Fraction by Wt: 0-100% Other REC Limits:NONE SPECIFIED OSHA PEL:2 MG/M3 ACGIH TLV:2 MG/ M3; 9192

Ingred Name:LEAD (SARA III) CAS:7439-92-1 RTECS #:OF7525000 Fraction by Wt: 0-100% Other REC Limits:NONE SPECIFIED 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:ANTIMONY (SARA III) CAS:7440-36-0 RTECS #:CC4025000 Fraction by Wt: 0-15% Other REC Limits:NONE SPECIFIED 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:SILVER (SARA III) CAS:7440-22-4 RTECS #:VW3500000 Fraction by Wt: 0-10% Other REC Limits:NONE SPECIFIED OSHA PEL:0.01 MG/M3 ACGIH TLV:0.1 MG/M3; 9192 EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

Ingred Name:BISMUTH CAS:7440-69-9 RTECS #:EB2600000 Fraction by Wt: 0-60% Other REC Limits:NONE SPECIFIED

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER. Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:EYES

<ul> <li>DUST AND FUMES MAY CAUSE IRRITATION. SKIN: NOT A ROUTE OF ENTRY INTO THE BODY. INHALATION: IRRITATION OF NOSE AND BRONCHIAL TRACTS MAY OCCUR AS WELL AS EFFECTS DUE TO ABSORPTION OF LEAD, ETC. IN THE BLOOD STREAM. INGESTION: LEAD IS ATOXIC AND CUMULATIVE, AFFECTING KIDNEYS, REPRODUCTIVE SYSTEM, AND NERVOUS SYSTEM</li> <li>Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION. INHALATION: NOSE AND BRONCHIAL TRACT IRRITATION. INGESTION: ANEMIA, INSOMIA, WEAKNESS, IRRITABIL</li> <li>ITY, CONSTAPATION, STOMACH PAINS, NASAL SEPTAL ULCERATION, STOMACH I RRITATION, FEVER, NAUSEA, STOMACH CRAMPS, DIARRHEA, INTESTINES IRRITATION, DISCOLORATION OF EYES AND SKIN.</li> <li>Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.</li> </ul>
======================================
<ul> <li>First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. SKIN: WASH AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. INHALATION: MOVE TO FRESH AIR. GET MEDICAL ATTENTIO</li> <li>N. INGESTION: INDUCE VOMITING IF PERSON I S CONSCIOUS. GET MEDICAL ATTENTION.</li> </ul>
======================================
Flash Point:NOT FLAMMABLE Extinguishing Media:NOT FLAMMABLE. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE. Fire Fighting Procedures:IF THIS METAL IS PRESENT WHERE THERE IS A FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS IN CASE OF TOXIC LEAD FUMES.
Unusual Fire/Explosion Hazard:NONE EXPECTED.
======================================
sures ====================================
Spill Release Procedures:CLEAN UP ANY GRINDING DUST OR WASTE RESIDUES AND PLACE IN SUITABLE CONTAINERS FOR DISPOSAL. Neutralizing Agent:NOT APPLICABLE.
======================================

- Handling and Storage Precautions:STORE IN DRY CONDITIONS. AVOID STORAGE NEAR ACETYLENE, CHLORINE OR HYDROGEN PEROXIDE (DUE TO COPPER CONTENT).
- Other Precautions:NO FOOD OR DRINK SHOULD BE ALLOWED IN AREAS WHERE THESE PRODUCTS ARE HANDL

ED.

Respiratory Protection:ONLY REQUIRED IF TLV'S ARE EXCEEDED. USE A NIOSH/MSHA APPROVED RESPIRATOR FOR TOXIC DUST AND/OR FUME.
Ventilation:IF FUME OR DUST IS BEIMG GENERATED, MECHANICAL VENTILATION MUST BE PROVIDED TO MAINTAIN EXPOSURE LEVELS BELOW TLV'S.
Protective Gloves:NONE NORMALLY REQUIRED.
Eye Protection:WEAR SAFETY GLASSES DURING SOLDERING.
Other Protective Equipment:NONE NORMALLY REQUIRED.
Work Hygienic Prac
tices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATIED CLOTHING BEFORE REUSE.
Supplemental Safety and Health

HCC:N1 Melt/Freeze Pt:M.P/F.P Text:360F,182C Vapor Pres:NONE Vapor Density:NONE Spec Gravity:7-11 Evaporation Rate & amp; Reference:NOT VOLATIVE Solubility in Water:NIL Appearance and Odor:SILVER TO GREY METAL.

St

ability Indicator/Materials to Avoid:YES STRONG ACIDS, STRONG OXIDIZERS, REDUCING AGENTS, HALOGENS, ACETYLENE. Hazardous Decomposition Products:LEAD FUMES AT HIGH TEMPERATURES (ABOVE 800F).

Conditions to Avoid Polymerization:WILL NOT OCCUR.

Waste Disposal Methods:RETURN WASTE TO SUPPLIER FOR REPOCESSING. DISPOSE OF NON REPROCESSABLE WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Disclaimer (provid

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