

FEDERATED-FRY METALS -- SPEC QQ-S-571, FLOWSOLDER ALLOYS -- 3439-00-269-9610

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Product Identification  
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Product ID:SPEC QQ-S-571, FLOWSOLDER ALLOYS

MSDS Date:01/01/1987

FSC:3439

NIIN:00-269-9610

MSDS Number: BDRMZ

=== Responsible Party ===

Company Name:FEDERATED-FRY METALS/ALTOONA, PA 16602

Emergency Phone Num:(314) 946-1611

CAGE:65172

=== Contractor Identification ===

Company Name:FRY TE

CHNOLOGY 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

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Composition/Information on Ingredients  
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Ingred Name:TIN

CAS:7440-31-5

RTECS #:XP7320000

Fraction by Wt: 61.5%

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: 37.5%

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 L

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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:BISMUTH  
CAS:7440-69-9  
RTECS #:EB2600000  
Fraction by Wt: 0.25%

Ingred Name: \_ \_ \_  
Fraction by Wt: \_

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

Effects of Overexposure:EYE, NASAL SEPTAL ULCERATION, STOMACH LINING,  
NOSE & BRONCHIAL TRACTS IRRITATION, KIDNEY, NAUSEA.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES. SKIN: WASH THOROUGHLY  
W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING. INGESTION: INDUCE  
VOMITING IF PERSON IS CONSCIOUS. GET MEDICAL ATTENTION. INHALATION:  
REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

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

Flash Point:NOT FLAMMABLE  
Fire Fighting Procedures:WEAR SCBA IN CASE OF POISONOUS LEAD FUMES.

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===== Accidental Release Measures =====

Spill Release Procedures:ALLOW TO SOLIDIFY AND COLLECT IN SEALED DRUMS  
FOR DISPOSAL.

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

Handling and Storage Precautions:STORE IN DRY CONDITIONS. NO FOOD OR  
DRINK SHOULD BE ALLOWED IN AREAS WHERE THESE PRODUCTS ARE ED. WASH  
THOROUGHLY AFTER HANDLING BEFORE EATING.

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

Respiratory Protection:

USE FUME MASK ONLY REQUIRED IF TLV'S EXCEEDED.  
Ventilation:PROVIDE MECHANICAL VENTILATION TO KEEP BELOW TLV  
Protective Gloves:NOT NEEDED  
Eye Protection:WEAR SAFETY GLASSES  
Supplemental Safety and Health  
MSDS DATE: 1/9/87

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

HCC:N1  
Spec Gravity:N//R  
Solubility in Water:NIL  
Appearance and Odor:SILVER TO GRAY METAL

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

Stability Indicator/Materials to Avoid:YES  
STRON  
G ACIDS, REDUCING AGENTS, HALOGENS, OXIDIZERS  
Stability Condition to Avoid:TIN, LEAD, ANTIMONY, SILVER, BISMUTH  
ALLOYS  
Hazardous Decomposition Products:LEAD FUMES AT HIGH TEMPERATURES  
(>750F)

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

Waste Disposal Methods:RETURN TO SUPPLIER FOR REPROCESSING.

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