

HANDY AND HARTMAN -- BRAZE 560 AWS A 5.8,BAG-7 -- 3439-01-046-3655

===== Product Identification =====

Product ID:BRAZE 560 AWS A 5.8,BAG-7

MSDS Date:12/31/1986

FSC:3439

NIIN:01-046-3655

MSDS Number: BLPGL

=== Responsible Party ===

Company Name:HANDY AND HARTMAN

Address:850 THIRD AVE

City:NEW YORK

State:NY

ZIP:10022-6222

Country:US

Info Phone Num:212-207-2632/203-259-8321

Emergency Phone Num:212-20

7-2632/203-259-8321

CAGE:JO825

=== Contractor Identification ===

Company Name:HANDY & HARMAN

Address:850 THIRD AVENUE

Box:City:NEW YORK

State:NY

ZIP:10022

Country:US

Phone:212-752-3400

CAGE:73977

Company Name:HANDY AND HARTMAN

Address:850 THIRD AVE

City:NEW YORK

State:NY

ZIP:10022-6222

Country:US

Phone:212-752-3400

CAGE:JO825

===== Composition/Information on Ingredients =====

Ingred Name:SILVER (SARA III)

CAS:7440-22-4

RTECS #:VW3500000

Fraction by Wt: 56%

Other REC Limits:N

ONE 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:COPPER (SARA III)
CAS:7440-50-8
RTECS #:GL5325000
Fraction by Wt: 22%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1MG/M3 FUME/1 DUST
ACGIH TLV:0.2MG/M3 FUME; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ZINC (SARA III)
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: 17%
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 MG ZNO/M3
ACGIH TLV:10 MG ZNO/M3; 9192
EPA Rpt Qty:1000 LBS
DO
T Rpt Qty:1000 LBS

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

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-INHALED:VAPORS MAY CAUSE METAL
FUME FEVER WHICH INCLUDES CHILLS,FEVER,ACHING
MUSCLES,HEADACHE,VOMITING,STOMACH PA

IN,METALLIC

TASTE,THIRST.EYE/SKIN:MAY CAUSE IRRITATION.INGESTION:MAY CAUSE STOMACH PAIN,NAUSEA,VOMITING & DIARRHEA.CHRONIC-COPPER FRAGMENTS IN THE CORNEA MAY CAUSE CATARACTS & LOSS OF THE EYE.

Effects of Overexposure:VAPORS MAY CAUSE METAL FUME FEVER WHICH INCLUDES CHILLS, FEVER, ACHING MUSCLES, HEADACHE, VOMITING, STOMACH PAIN, METALLIC TASTE, THIRST. MAY CAUSE EYE AND SKIN IRRITATION. INGESTION MAY CAUSE STOMACH PAIN, NAUSEA, VOMITING & DIARRHEA.

Medical Cond Aggravat

ed by Exposure:ALLERGY, MUCOUS AND THROAT RELATED CONDITIONS, STOMACH, LIVER, KIDNEY RELATED CONDITIONS MAY BE AGGRAVATED WHEN METAL FUMES/DUST EVOLVED DURING HEATING ARE TAKEN IN.

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

First Aid:CALL A PHYSICIAN IN ALL CASES.INHALATION:REMOVE TO FRESH AIR.GIVE CPR IF NEEDED.EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES HOLDING EYELIDS OPEN.SKIN:WASH WITH WATER.INGESTION:IF DUST IS INGESTED ,GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:DRY POWDER FOR METAL FIRES

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE MODE.

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

Spill Release Procedures:NO PROBLEMS ANTICIPATED. COLLECT CLEAN SCRAP FOR REUSE OR RECYCLE. MATERIAL HAS PRECIOUS METAL. VENTILATE AREA.

VACUUM UP DUST AND PLACE IN SUITABLE CONTAINER.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORAGE-STORE IN A DRY PLACE.KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE FUMES. AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY.

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

Respi

ratory Protection:IF FUMES ARE PRESENT, WEAR A NIOSH/MSHA-APPROVED
SELF-CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE
MODE & FULL FACEPIECE.

Ventilation:LOCAL EXHAUST

Protective Gloves:LEATHER WELDING

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. WEAR
NON-FLAMMABLE PROTECTIVE CLOTHING.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR
FOO

TWEAR.

Supplemental Safety and Health

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:1145F,618C

Spec Gravity:9.42

Solubility in Water:NIL

Appearance and Odor:METALLIC, ROD, WIRE, STRIP OR POWDER - NO ODOR

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

Stability Indicator/Materials to Avoid:YES

ACIDS CAN ATTACK METAL.

Stability Condition to Avoid:HIGH TEMPERATURES AND OPEN FLAMES

Hazardous Decomposition Products:ZIN

C OXIDE FUME MAY BE EVOLVED DURING
BRAZING.

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

Waste Disposal Methods:SCRAP MATERIAL MAY BE CONTAMINATED. MAY REQUIRE
SPECIAL DISPOSAL. CONSULT FEDERAL, STATE AND LOCAL REGULATORY
AGENCIES.

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