

HANDY AND HARTMAN -- AMS 4772,ASMESFA 5.8,BAG-13 BRAZE 541,AWS A -- 3439-00-347-6894
===== Product Identification =====

Product ID:AMS 4772,ASMESFA 5.8,BAG-13 BRAZE 541,AWS A

MSDS Date:01/01/1987

FSC:3439

NIIN:00-347-6894

MSDS Number: BJZPB

=== Responsible Party ===

Company Name:HANDY AND HARTMAN

Address:850 THIRD AVE

City:NEW YORK

State:NY

ZIP:10022-6222

Country:US

Info Phone Num:203-259-8321

Em

ergency Phone Num: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

Company Name:L AND M WELDING SUPPLY INC

Address:568 WESTERN DR

Box:City:MOBILE

State:AL

ZIP:36607-1420

Country:US

Phone:334-470-9997

CAGE:1HJ95

===== C

Composition/Information on Ingredients =====

Ingred Name:SILVER (SARA III)
CAS:7440-22-4
RTECS #:VW3500000
Fraction by Wt: 54%
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:COPPER (SARA III)
CAS:7440-50-8
RTECS #:GL5325000
Fraction by Wt: 40%
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: 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 MG ZNO/M3
ACGIH TLV:10 MG ZNO/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:NICKEL (SARA III)
CAS:7440-02-0
RTECS #:QR5950000
Fraction by Wt: 1%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9192

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:Y

ES OSHA: YES

Health Hazards Acute and Chronic: ACUTE-IF METAL VAPORS EVOLVED DURING HEATING ARE TAKEN IN, THIS MAY LEAD TO METAL FUME FEVER, EYE, SKIN, NOSE & THROAT IRRITATION, DIARRHEA, HEADACHE, DIZZINESS, CHEST PAIN, BREATHLESSNESS & CHILLS. ACUTE OVER EXPOSURE CAN BE FETAL. CHRONIC-MAY LEAD TO ARGYRIA (BLuish GREY DISCOLORATION OF SKIN & TISSUE), LIVER & KIDNEY EFFECTS.

Explanation of Carcinogenicity: NICKEL DUST/OXIDE FUME IS LISTED AS A SUBSTANCE THAT MAY BE REASONABLY ANTICIPATED TO BE CARCINOGENIC.

Effects of Overexposure: EYE, MUCOUS MEMBRANE, THROAT, SKIN IRRITATION. INHALATION OF METAL VAPORS MAY CAUSE VOMITING, HEADACHE, DIARRHEA, CHEST PAIN AND BREATHLESSNESS. LONG TERM EXPOSURE CAN LEAD TO CHANGE OF SKIN COLOR.

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

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First Aid Measures =====

First Aid: INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: WASH WITH WATER. GET MEDICAL ADVICE. INGESTION: IF DUST IS INGESTED, GET IMMEDIATE MEDICAL ATTENTION.

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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.

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Accidental Release Measures =====

Spill Release Procedures: NO PROBLEMS ANTICIPATED. COLLECT CLEAN SCRAP FOR REUSE OR RECYCLE. MATERIAL HAS PRECIOUS METAL.
Neutralizing Agent: NOT APPLICABLE.

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Handling and Storage =====

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

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

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

Respiratory Protection:USE NIOSH APPROVED RESPIRATORS.
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 FOOTWEAR.
Supplemental Safety and Health

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

HCC:N1
Melt/Freeze Pt:M.P/F.P Text:1340F,727C
Spec Gravity:9.63
Solubility in Water:NIL
Appearance and Odor:METALLIC, ROD, WIRE, STRIP & 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:NONE-ABOVE MELTING TEMPERATURE, METAL FUMES ARE EVOLVED.

===== 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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