

J.W. HARRIS CO.,INC. (UNIBRAZE CORP.) -- SAFETY SILV 56 -- 3439-01-046-3655

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

Product ID:SAFETY SILV 56

MSDS Date:01/01/1987

FSC:3439

NIIN:01-046-3655

MSDS Number: BGHPM

=== Responsible Party ===

Company Name:J.W. HARRIS CO.,INC. (UNIBRAZE CORP.)

Emergency Phone Num:513-891-2000

CAGE:27911

=== Contractor Identification ===

Company Name:J. W. HARRIS CO., INC.

Address:10930 DEERFIELD ROAD

Box:City:CINCINNATI

State:OH

ZIP:45242-41

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Country:US

Phone:513-891-2000

CAGE:27911

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

Ingred Name:SILVER (SARA III)

CAS:7440-22-4

RTECS #:VW3500000

Fraction by Wt: 56%

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%

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:74

40-66-6
RTECS #:ZG8600000
Fraction by Wt: 17%
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:TIN
CAS:7440-31-5
RTECS #:XP7320000
Fraction by Wt: 5.0%
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9192

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

Effects of Overexposure:COPPER&ZINC FUME MAY CAUSE METAL FUME
FEVER.SHORT TERM SYMP-METALLIC TASTE,DRY/IRRIT (SEE SUPP DATA)

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

First Aid:REMOVE FROM DUST OR FUME EXPOSURE. IF BREATHING HAS
STOPPED,PERFORM ARTIFICIAL RESPIRATION. SUMMON MEDICAL AID
IMMEDIATELY.

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

Flash Point:NONFLAMMABLE
Extinguishing Media:NONFLAMMABLE
Fire Fighting Procedures:NONFLAMMABLE
Unusual Fire/Explosion Hazard:(NONFLAMMABLE) OPEN FLAME & SPARKS CAN
IGNITE COMBUSTIBLES,SEE ANSI/ASC Z49.1-1983 SECTION 6.

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

Spill Release Procedures:NOT APPLICABLE.

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

Handling and Storage Precautions:READ & UNDERSTAND MFR'S INSTRUCTNS &
PRECAUTIONARY LABEL ON PRODUCT.SEE AMERICAN NATIONAL STD Z49.1,SFTY
IN WELDING&CUTTING,&OSHA PUB 2206 (29CFR1910)
Other Precautions:POSS USE W/FLUORIDE TYPE FLUX.IF APPLIC,CONSIDR FLUX
FUME IN HAZ EVAL.HAZ DECOMP:ZINC OR TIN OXIDE.FLUX COAT,ALSO BORIC
ACID(BORON
OXIDE,TL

V=10MG/CUM,PEL=15MG/CUM);FLUORIDES,TLV&PEL=2.5MG/CUM.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRABLE FUME
RESPIRATR/AIR SUPPLIED RESPIRATR

Ventilation:ENOUGH VENT,LOC EXHAUST AT FLAME TO KEEP FUMES&GASES <
TLV'S

Protective Gloves:WELDER'S GLOVES

Eye Protection:FILTER LENS-PROPER SHADE#

Other Protective Equipment:ARM PROTECTORS,APRONS,HATS,SHOULDER
PROT,DARK STURDY CLOTHES

Supplemental Safety and Health
THROA

T W/COUGH,SHORT BREATH,NAUSEA,FEVER,ACHE,CHILL.PULMONARY
IRRIT/PNEUMOCONIOSIS POSS W/LONG TERM EXP TO WELD
FUME,GAS,DUST.FUME IRRIT MAY AGGRAVATE LUNG ILLNESSES.PRIM EXP
ROUTE-FUME INHAL.

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

HCC:N1

Appearance and Odor:SOLID WIRE/ROD.ROD POSS COAT W/CHEM FLUX-BLUE/OTHR

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

Hazardous Decomposition Products:SILVER (METAL & SOLUBLE CMPDS),COPPER
(FUME)
,(SEE OTHR PREC)

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

Waste Disposal Methods:WASTE DISPOSAL MUST BE IN ACCORDANCE
W/FEDERAL,STATE & LOCAL REGULATIONS.

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