

HARRIS J W CO INC -- SAFETY SILV 56 OR 1200 -- 3439-01-047-4141

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Product Identification  
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Product ID:SAFETY SILV 56 OR 1200

MSDS Date:04/01/1990

FSC:3439

NIIN:01-047-4141

Kit Part:Y

MSDS Number: BLMVN

=== Responsible Party ===

Company Name:HARRIS J W CO INC

Address:10930 DEERFIELD RD.

City:CINCINNATI

State:OH

ZIP:45242-4110

Country:US

Info Phone Num:513-891-2000

Emergency Phone Num:800-54

3-4536

CAGE:JO820

=== Contractor Identification ===

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

Address:10930 DEERFIELD RD

Box:City:CINCINNATI

State:OH

ZIP:45242-4110

Country:US

Phone:513-891-2000

CAGE:JO820

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

Address:10930 DEERFIELD ROAD

Box:City:CINCINNATI

State:OH

ZIP:45242-4110

Country:US

Phone:513-891-2000

CAGE:27911

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Composition/Information on Ingredients  
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Ingred Name:COPPER (SARA III)

CAS:7440-50-8

RTECS #:GL5325000

Fraction by Wt: 2

2%  
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:SILVER (SARA III)  
CAS:7440-22-4  
RTECS #:VW3500000  
Fraction by Wt: 56.0%  
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:ZINC OXIDE  
CAS:1314-13-2  
RTECS #:ZH4810000  
Fraction by Wt: 17%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15MG/M3 TDUST/5 FUME  
ACGIH TLV:10MG/M3 TDUST; 92  
93

Ingred Name:NICKEL (SARA III)  
CAS:7440-02-0  
RTECS #:QR5950000  
Fraction by Wt: 5.0%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9192

Ingred Name:POTASSIUM FLUOBORATE AS F  
CAS:14075-53-3  
Other REC Limits:NONE SPECIFIED

Ingred Name:POTASSIUM METABORATE  
CAS:11113-50-1  
Other REC Limits:NONE SPECIFIED

Ingred Name:POTASSIUM BORATE  
CAS:1332-77-0  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalati

on:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SHORT TERM EXPOSURE TO WELDING/BRAZING FUMES, GASES OR DUST MAY RESULT IN DISCOMFORT SUCH AS DIZZINESS, NAUSEA, FEVER, DRYNESS AND/OR IRRITATION OF NOSE, THROAT AND EYES. SKIN SENSITIVITY MAY ALSO BE NOTED. ACUTE EXPOSURE FROM SOME TOXIC GASES MAY CAUSE PULMONARY EDEMA, ASPHYXIATION AND EXCESSIVE EXPOSURE CAN BE FATAL.

Effects of Overexposure:IRRITATION OF EYE

S, NOSE, THROAT, DIFFICULTY IN

BREATHING, ASPHYXIATION AND PULMONARY EDEMA.

Medical Cond Aggravated by Exposure:DISEASE OF THE SKIN AND LUNG.

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

First Aid:REMOVE INDIVIDUAL FROM EXPOSURE AND CONSULT A PHYSICIAN. FOR METAL BURNS, EXPOSURE AREAS SHOULD BE COOLED WITH WATER, AND MEDICAL ATTENTION SOUGHT. EYES:FLUSH WITH WATER FOR 15 MINUTES. INHALATION:RE MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN AS NEEDED. GET MEDICAL HELP IF SYMPTOMS PERSIST.

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

Extinguishing Media:USE DRY CHEMICAL., OR CLASS D FIRE EXTINGUISHERS.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:HEAT OF FIRE MAY PRODUCE HAZARDOUS METAL FUMES.

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

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Spill Release Procedures:PICK UP METAL RODS. VACUUMING OF DUST IS RECOMMENDED. DRY SWEEPING OF DUST MAY RESULT IN HIGH CONCENTRATIONS OF AIRBORNE DUST. WEAR DUST MASK WHEN SWEEPING METAL DUST.

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

Handling and Storage Precautions:AVOID ACCIDENTAL INGESTION BY USING GOOD PERSONAL HYGIENE PRACTICES. WASH THOROUGHLY BEFORE EATING OR SMOKING.

Other Precautions:AVOID INHALING FUMES OR DUST.

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Exposure Controls/Personal Protection =====

Respiratory Protection: A NIOSH/MSHS APPROVED METAL DUST/FUME RESPIRATOR SHOULD BE WORN WHERE APPLICABLE LIMITS MAY BE EXCEEDED.

Ventilation: LOCAL EXHAUST OR MECHANICAL (GENERAL) VENTILATION IS ADEQUATE.

Protective Gloves: CANVAS, LEATHER OR HEAT RESISTANT.

Eye Protection: SAFETY GLASSES WITH A FACE SHIELD.

Other Protective Equipment: WEAR FACE SHIELD AND IMPERVIOUS APRON WHEN SPLASHING OF MOLTEN METAL IS LIKELY.

Work Hygienic Practice

s: GOOD HOUSEKEEPING PROCEDURES SHOULD BE MAINTAINED, AND PERSONNEL SHOULD WASH THOROUGHLY BEFORE EATING OR SMOKING.

Supplemental Safety and Health

FOOD AND DRINK SHOULD NOT BE CONSUMED OR TOBACCO PRODUCTS USED, NOR COSMETIC APPLIED IN AREAS WHERE METAL EXPOSURE ARE POSSIBLE.

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

HCC:N1

Melt/Freeze Pt: M.P/F.P Text: 1170F, 632C

Solubility in Water: INSOLUBLE

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

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

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS AND BASES.

Stability Condition to Avoid: NONE

Hazardous Decomposition Products: METAL OXIDE/METAL FUMES MAY BE EVOLVED. TOXIC FUMES FROM FLUX.

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

Waste Disposal Methods: SCRAP OR WASTE SHOULD BE RECYCLED OR DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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