

HARRIS J W CO INC -- STAY-SILV 45 -- 3439-00-348-9419

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

Product ID:STAY-SILV 45

MSDS Date:11/01/1985

FSC:3439

NIIN:00-348-9419

MSDS Number: BPQTF

=== 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:800-424-9300

CAGE:JO820

=== Contra

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

Address:10930 DEERFIELD RD

Box:City:CINCINNATI

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ZIP:45242-4110

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State:OH

ZIP:45242-4110

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: 45%

Other REC Limits:NONE REC

RECOMMENDED
OSHA PEL:0.01 MG/M3
ACGIH TLV:0.1 MG/M3; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingredient Name:COPPER (SARA III)
CAS:7440-50-8
RTECS #:GL5325000
Fraction by Wt: 15%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.1MG/M3 FUME/1 DUST
ACGIH TLV:0.2MG/M3 FUME; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingredient Name:ZINC (SARA III)
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: 16%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG ZNO/M3
ACGIH TLV:10 MG ZNO/M3; 9293
EPA Rpt Qty:1000 LBS
DOT
Rpt Qty:1000 LBS

Ingredient Name:CADMIUM (SARA III)
CAS:7440-43-9
RTECS #:EU9800000
Fraction by Wt: 24%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:SEE 1910.1027
ACGIH TLV:0.01 MG/M3 DUST;9394
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALATION OF GASES AND VAPORS
PRODUCED DURING

NG BRAZING OPERATIONS MAY CAUSE "METAL FUME FEVER" AND/OR IRRITATION OF UPPER RESPIRATORY TRACT. SEVERE OVEREXPOSURE MAY CAUSE PULMONARY EDEMA WHICH CAN BE FATAL. CHRONIC: PROLONGED OR REPEATED INHALATION OF FUMES MAY CAUSE RESPIRATORY IRRITATION, LUNG OR KIDNEY DAMAGE.

Explanation of Carcinogenicity: CADMIUM IS LISTED AS A PROBABLE OR POSSIBLE CARCINOGEN BY IARC AND NTP.

Effects of Overexposure: COUGHING, SHORTNESS OF BREATH, NAUSEA, FEVER, BODYACHE, CHILLS, SNEEZING, CHEST PAIN.

Medical Cond Aggravated by Exposure: INDIVIDUALS WITH IMPAIRED PULMONARY FUNCTIONS OR ILLNESS MAY HAVE SYMPTOMS EXACERBATED BY FUME IRRITANTS.

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First Aid Measures
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First Aid: REMOVE FROM DUST OR FUME EXPOSURE. IF BREATHING IS STOPPED GIVE ARTIFICIAL RESPIRATION. IF BREATHING DIFFICULT, GIVE OXYGEN. GET IMMEDIATE MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point: NONE

Extingu

ishing Media: MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND BUNKER GEAR.

Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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Accidental Release Measures
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Spill Release Procedures: NONE SPECIFIED BY MANUFACTURER. SWEEP UP OR PLACE SPILLED MATERIAL/WASTE IN A CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

=====
Handling and Storage
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Handling and Storage Precautions: NONE SPECIFIED BY MANUFACTURER.

Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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Exposure Controls/Personal Protection
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Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR OR AIR SUPPLIED RESPIRATOR WHEN BRAZING IN CONFINED SPACE OR WHERE LOCAL EXHAUST OR MECHANICAL VENTILATION DOES NOT KEEP EXPOSURE BELOW TLV. USE IN ACCORDANCE WITH 29 CFR 1910.134.

Ventilation: USE ADEQUATE LOCAL EXH

AUST/MECHANICAL VENTILATION TO
MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:WORK GLOVES

Eye Protection:SAFETY GLASSES, GOGGLES, FACE SHIELD

Other Protective Equipment:PROPER LENSES FOR FACESHIELD

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING,
DRINKING, OR SMOKING.

Supplemental Safety and Health

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

HCC:N1

Appearance and Odor:SOLID WIRE OR ROD. ROD MAY BE COATED WITH A
CHEMICAL FLUX. FLUX MAY BE COLOR
ED.

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:COMPLEX MIXTURE OF GASES AND FUMES.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS.

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iling agencies):

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