

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

=== 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

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

Ingred Name:SILVER (SARA III)

CAS:7440-22-4

RTECS #:VW3500000

Fraction by Wt: 45%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.01 MG/M3

ACGIH TLV:0.1 MG/M3; 9293

EPA Rpt Qty:

1 LB  
DOT Rpt Qty:1 LB

Ingred 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

Ingred 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

Ingred Name:CADMIUM (SARA III)  
CAS:7440-43-9  
RT  
ECS #: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

===== 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 BRAZING OPERATIONS MAY CAUSE "METAL FUME  
FEVER"AND/OR IRRITA

TION 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 IMPAIR  
ED PULMONARY

FUNCTIONS OR ILLNESS MAY HAVE SYMPTOMS EXACERBATED BY FUME  
IRRITANTS.

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

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

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

Flash Point:NONE

Extinguishing 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.

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

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 =====

Handling and Storage Precautions:NONE  
SPECIFIED BY MANUFACTURER.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

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 EXHAUST/MECHANICAL VENTILATION TO  
MAINTAIN EXPOSURE BELOW TLV.

Prot

ective 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 COLORED.

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

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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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