

J.W. HARRIS CO.,INC. -- SAFETY SILV 50N (OR SAFETY SILV 1305) -- 3439-00-262-4191

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

Product ID:SAFETY SILV 50N (OR SAFETY SILV 1305)

MSDS Date:11/01/1985

FSC:3439

NIIN:00-262-4191

MSDS Number: BDPYN

=== Responsible Party ===

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

Address:10930 DEERFIELD ROAD

City:CINCINNATI

State:OH

ZIP:45242

Country:US

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:45242-4110

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: 50%

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

Fractio

n by Wt: 20%  
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: 28%  
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: 2%  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9192

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

Routes of Entry  
: Inhalation:YES Skin:NO Ingestion:NO  
Health Hazards Acute and Chronic:LONG TERM EXPOSURE TO WELDING  
FUME,GASES OR DUST MAY CONTRIBUTE TO PULMONARY IRRITATION OR  
PNEUMOCONIOSIS.  
Explanation of Carcinogenicity:NICKEL IS A POSSIBLE CARCINOGEN PER OSHA  
29CFR 1910.1200.  
Effects of Overexposure:MAY HAVE METAL FUME FEVER.SHORT TERM  
SYMPTOMS:METALLIC TASTE IN THE MOUTH,DRYNESS OR IRRITATION OF THE  
THROAT FOLLOWED BY COUGHING,SHORTNESS OF BREATH,NAUSEA,FEVER,BODY  
ACHE & CHILLS.

===== 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 =====

Extinguishing Media:NONE COMBUSTIBLE,USE PROPER EXTINGUISHING MEDIA FOR  
SURROUNDING FIRE.  
Fire Fighting Procedures:NONE  
Unusual Fire/Explosion Hazard:OPEN FLAME & SPARKS CAN IGNITE  
COMBUSTIBLES.

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

Spill Release Procedures:NOT APPLICABLE.

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

Respiratory Protection:USE RESPIRABLE FUME RESPIRATOR OR AIR SUPPLIED RESPIRATOR WHEN BRAZING IN CONFINED SPACE OR WHERE LOCAL EXHAUST OR VENTILATION DOES NOT KEEP EXPOSURE BELOW TLV.

Ventilation:USE ENOUGH VENTILATION,LOCAL EXHAUST AT THE FLAME TO KEEP THE FUMES & GASES BELOW TLV.

Protective Gloves:WELDER'S GLOVES.

Eye

Protection:SAFETY GLASSES/FACE SHIELD W/FILTER LENS

Supplemental Safety and Health

THIS MATERIAL,"SAFETY SILV 50N/1305" IS CADMIUM FREE,HAS REPLACED "STAY SILV 50N",WHICH CONTAINS CADMIUM,SINCE MAY,1985. STAY SILV 50N,DATA ENTERED AS P/N:A,IS DISCONTINUED.

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

HCC:N1

Solubility in Water:NONE

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

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

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Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:BRAZING FUMES & GASES CANNOT BE CLASSIFIED SIMPLY,DEPENDING ON THE COMPOSITION OF THE FILLER METALS.

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

Waste Disposal Methods:FOLLOW THE FEDERAL,STATE OR LOCAL REGULATIONS.

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