

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

Fraction by Wt: 20%

OSHA PEL:0.1MG/M3 FUME/1 DUST

ACGIH TLV:0.2MG/M3 FU

ME; 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 =====
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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.

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

Spill Re

lease 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

Supplementa

I 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 =====

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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