

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.

=====

===== 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 =====

=====

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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of t

he Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.