

HARRIS J W CO INC -- STAY-SILV 15 -- 3439-00-224-3580

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

Product ID:STAY-SILV 15

MSDS Date:04/01/1990

FSC:3439

NIIN:00-224-3580

MSDS Number: BDKKK

=== 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:513-891-2000

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: 15%

Other REC Limits:NONE SPECIFI

ED  
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: 80.0%  
Other REC Limits:NONE SPECIFIED  
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:PHOSPHOROUS (YELLOW) (SARA III)  
CAS:7723-14-0  
RTECS #:TH3500000  
Fraction by Wt: 5.0%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:0.1 MG/M3  
ACGIH TLV:0.1 MG/M3; 9192  
EPA Rpt Qty:1 LB  
DOT  
Rpt Qty:1 LB

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:HAZARDS INCLUDE BREATHING OF METAL  
OXIDE FUMES, METAL FUME FEVER, ULTRAVIOLET LIGHT BURNS OF SKIN  
AND/OR EYES, THERMAL BURNS, AND ELECTRIC SHOCK.  
Explanation of Carcinogenicity:THE PRODUCT CONTAINS NO INGREDIENT THAT  
IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGE  
N.  
Effects of Overexposure:EXPOSURE TO WELDING FUMES MAY RESULT IN  
DIZZINESS, NAUSEA, METAL FUME FEVER AND/OR IRRITATION OF NOSE,  
THROAT AND EYES. TOXIC GASES CAN BE FATAL.  
Medical Cond Aggravated by Exposure:SOME WORKERS MAY BE AFFECTED BY A  
PRE-EXISTING CONDITION OR OTHER OCCUPATIONAL ILLNESS BECAUSE OF THE  
WIDE VARIATION IN INDIVIDUAL SUSCEPTIBILITIES.

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

First Aid:FUME INHALATION:REMOVE FROM EXPOSURE. GET MED

ICAL ATTENTION.

THERMAL BURN:USE NORMAL FIRST AID. ULTRAVIOLET EXPOSURE:SKIN;TREAT AS SUNBURN. EYE; GET MEDICAL ATTENTION. ELECTRIC SHOCK:TURN OFF POWER. REMOVE AND RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION.

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:PRODUCT IS NON FLAMMABLE. EXTINGUISH FIRE WITH MEDIA APPROPRIATE FOR SOURCE OF FIRE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &

FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:ARCS, SPARKS OR HOT METAL FROM A WELDING OPERATION MAY IGNITE NEARBY COMBUSTABLE MATERIAL.

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

Spill Release Procedures:CLEAN UP ANY GRINDING DUST OR WASTE RESIDUES AND PLACE IN SUITABLE DOT APPROVED CONTAINERS. AVOID INHALATION AND SKIN EXPOSURE.

Neutralizing Agent:NOT RELEVANT

=====  
===== Handling and Storage =====

Handling and Storage Precautions:NO SPECIAL HANDLING IS REQUIRED. STORE AS DIRECTED BY MFR.

Other Precautions:SEE ANSI STANDARD Z49.1-1983. READ "SAFETY IN WELDING AND CUTTING" FROM AMERICAN WELDING ASSOCIATION, 550 N.W. JEUNE RD., MIAMI,FL 33135.

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

Respiratory Protection:USE NIOSH/MSHA WELD FUME RESPIRATOR OR AIR SUP

PLIED RESPIRATOR WHEN CUTTING, GRINDING OR WELDING IN A CONFINED SPACE OR WHERE LOCAL EXHAUST OR GENERAL VENTILATION DOES NOT KEEP EXPOSURE BELOW PEL/TLV.

Ventilation:USE LOCAL VENTILATION WHEN CUTTING, GRINDING OR WELDING TO KEEP THE DUST, FUMES & GASES FROM THE WORKERS BREATHING ZONE.

Protective Gloves:WELDERS LEATHER GLOVES

Eye Protection:OSHA APPR.GOGGLES/FACE SH'LD W/ANSI LENS

Other Protective Equipment:FLAME RETARDANT CLOTHING WHEN CUTTING, GRINDING OR WELDING. DO NOT EXPOS

E SKIN TO RADIATION WHEN HOT  
CUTTING OR WELDING.

Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE. WASH THOROUGHLY  
BEFORE EATING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE  
REUSE.

Supplemental Safety and Health

WELDING AND HOT CUTTING FUMES & GASES CANNOT BE CLASSIFIED SIMPLY.  
THEIR COMPOSITION AND QUANTITY ARE DEPENDENT ON THE METAL BEING  
WELDED, THE PROCEDURES, PROCESSES AND THE TYPE OF WIRE OR  
ELECTRODES USED. OTHER INFLUENCING FACTORS ARE THE PRESENCE OF  
CO

NTAMINANTS. CHLORINATED SOLVENTS MAY DECOMPOSE TO TOXIC GASES.

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

HCC:N1

Decomp Temp:Decomp Text:UNKNOWNUNKN

Appearance and Odor:SILVER METAL ROD

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:BRAZING AND CUTTING OPERATION MAY  
INCLUDE OXIDES OF THE METALS, COMPLEX METALLICS, AND OZONE.

==

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

Waste Disposal Methods:DISPOSE I/A/W FEDERAL, STATE & LOCAL REGULATIONS

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

This information is formulated for use by elements of the 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.