

HARRIS J W CO INC -- STAY SILV WHITE BRAZING FLUX -- 3439-00-914-8390

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Product Identification
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Product ID:STAY SILV WHITE BRAZING FLUX

MSDS Date:06/01/1992

FSC:3439

NIIN:00-914-8390

MSDS Number: BFWGX

=== 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

Preparer's Name:SIGNATURE UNREADABLE

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

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Composition/Information on Ingredients
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Ingred Name:POTASSIUM BORATE

CAS:1332-77-

0
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM PENTABORATE
CAS:11128-29-3
Other REC Limits:NONE RECOMMENDED

Ingred Name:BORIC ACID
CAS:10043-35-3
RTECS #:ED4550000
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM HYDROGEN FLUORIDE
CAS:7789-29-9
RTECS #:TS6650000
Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Other REC Limits:NONE RECOMMENDED

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===== 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: FUMES ARE IRRITATING TO SKIN, EYES AND THE RESPIRATORY TRACT.
Explanation of Carcinogenicity: THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.
Effects of Overexposure: OTHER HEALTH CONSIDERATIONS: FLUXES ARE USED WITH BRAZING FILLER METALS. WHEN MELTED, THESE FILLER METALS MAY PRODUCE FUMES WHICH ARE HAZARDOUS. FILLER METALS MAY CONTAIN CADMIUM. FUMES GENERATED DURING BRAZING WITH CADMIUM ALLOYS MAY BE TOXIC.
Medical Condition Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

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

First Aid: REMOVE FROM FUME EXPOSURE. IF BREATHING HAS STOPPED PERFORM ARTIFICIAL RESPIRATION. IF SWALLOWED, INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. FOR SKIN CONTACT, WASH WITH WATER. FOR EYE

CONTACT, IMMEDIATELY FLUSH EYES FOR 15 MIN WITH
PLENTY OF WATER. GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point:NONFLAMMABLE

Extinguishing Media:NONE SPECIFIED BY MANUFACTURER.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:OPEN FLAME AND SPARKS CAN IGNITE
COMBUSTIBLES.

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Accidental Release Measures
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Spill Release Procedures:LARGE SPILLS SHOULD BE NEUTRALIZED WITH A
SLAKED LIME-SODA ASH SLURRY.

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Handling and Storage
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Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:READ AND UNDERSTAND THE MANUFACTURERS INSTRUCTIONS
AND THE PRECAUTIONARY LABEL ON THE PRODUCT. SEE AMERICAN NATIONAL
STANDARD Z49.1, SAFETY IN WELDING AND CUTTING PUBLISHED BY THE
AMERICAN WELDING SOCIETY.

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Exposure Controls/Personal Protection
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Respirator

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 TO KEEP FUMES BELOW TLV IN THE
WORKERS BREATHING ZONE & THE GENERAL AREA.

Protective Gloves:WEAR GLOVES TO PREVENT CONTACT.

Eye Protection:SAFETY GLASSES, GOGGLES/FACE SHIELDS W/LN

Other Protective Equipment:WEAR HEAD & BODY PROTECTION WHICH HELP TO
PREVENT INJURY FROM RADIATION, SPARKS, AND FLAMES.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

BRAZING FUMES CANNOT BE CLASSIFIED SIMPLY. THE COMPOSITION & QUANTITY
ARE DEPENDENT UPON THE METAL BEING BRAZED, THE PROCEDURES, & THE
FILLER METAL USED. THE FUME DECOMPOSITION PRODUCTS GENERATED MAY
BE DIFFERENT IN PERCENT & FORM FROM THE MATERIAL INGREDIENTS.

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Physical/Chemical Properties
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HCC:N1

Spec Gravity:1.54

Solubility in Water

ter:MODERATE

Appearance and Odor:SMOOTH WHITE PASTE WITH NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:"SEE SUPPLEMENTAL DATA"

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

Waste Disposal Methods:FOLLOW FEDERAL, STATE AND LOCAL REGULATIONS FOR DISPOSAL.

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vided with this information by the compiling agencies):

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