

J W HARRIS CO INC -- STAY CLEAN PASTE FLUX -- 3439-00-220-3826

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Product Identification  
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Product ID:STAY CLEAN PASTE FLUX

MSDS Date:03/11/1992

FSC:3439

NIIN:00-220-3826

MSDS Number: BNTBV

=== Responsible Party ===

Company Name:J W HARRIS CO INC

Address:10930 DEERFIELD RD

City:CINCINNATI

State:OH

ZIP:45242-4110

Country:US

Info Phone Num:513-891-2000;800-543-4536

Emergency Phone Num:513-891

-2000

CAGE:FO309

=== Contractor Identification ===

Company Name:J W HARRIS CO INC

Address:10930 DEERFIELD RD

City:CINCINNATI

State:OH

ZIP:45242

Country:US

Phone:513-891-2000

CAGE:FO309

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:ZINC CHLORIDE (SARA III)

CAS:7646-85-7

RTECS #:ZH1400000

Fraction by Wt: 25%

OSHA

PEL:1 MG/M3/2 STEL  
ACGIH TLV:1 MG/M3/2STEL FUME93  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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Hazards Identification  
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:DERMATITIS, HEADACHE, IRRITATION OF  
NOSE & THROAT, HOARSENESS. POTENTIALLY HAZARDOUS MATERIALS MAY BE  
EMPLOYED IN BASE METALS, FUMES, COA  
TINGS & FILLER METALS USED IN  
SOLDERING, BRAZING AND WELDING OR MAY BE RELEASED TO ATMOSPHERE  
DURING OPERATIONS.  
Explanation of Carcinogenicity:NOT RELEVANT.  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:EYE:FLUSH WITH WATER FOR AT LEAST 15 MINUTES. CALL MD.  
INHAL:MOVE TO WELL VENTILATED AREA. CALL MD. SKIN:FLUSH WITH  
COPIOUS AMOUNTS  
OF WATER. CALL MD . INGEST:CALL MD IMMEDIATELY .

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Fire Fighting Measures  
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Flash Point Method:OC  
Flash Point:490F,254C  
Extinguishing Media:DRY POWDER OR CO\*2.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL  
PROTECTIVE EQUIPMENT . INORGANIC SALT COMPOSITION PRECLUDES  
COMBUSTION OF HYDROGEN.  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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Accidental Release Measures  
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Spill Rele

ase Procedures:WASH AND SCRUB WITH HOT WATER AND SOAP.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE BELOW 100F TO PREVENT SEPARATION.

Other Precautions:WELDING ARC OR TORCH FLAME MAY BE A SOURCE OF IGNITION OF COMBUSTIBLE PRODUCT. REFER TO USA STANDARD ANSI/ASC Z49.1, 1983 "SAFETY IN WELDING & CUTTING" FOR SPECIFIC PRECAUTIONS IN ALL PHASES OF WELDING, CUTTING AND BRAZING.

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

Respiratory Protection:NIOSH/MSHA APPROVED FUME RESPIRATOR OR AIR LINE RESPIRATOR FOR CONFINED SPACES OR WHERE EXPOSURES ARE ABOVE TLV.

Ventilation:LOC EXHST:REQ IN SEMI-OPEN OR POORLY VENT SPACES. SEE ANSI/ASC Z49.1-SECTION 5. MECH (GEN):REQ IN SEMI-OPEN OR (SUPDAT)

Protective Gloves:WELDERS PROTECTIVE GLOVES.

Eye Protection:CHEM WORK GOGG &/OR WELDING (SUPP DATA)

Other Protective Equipment:APPROPRIATE CLOTHING FOR PROTECTION AGAINST SPARKS OR HOT METAL.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

VENT:OR POORLY VENTILATED SPACES. SEE ANSI/ASC Z49.1 SECTION 5. EYE PROT:HELMET WITH APPROPRIATE SHADED LENS (SEE ANSI/ASC Z49.1 SECTION 4).

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

Spec Gravity:1.02 (H<sub>2</sub>O=1)

Solubility in Water:INSOLUBLE

Appearance and Odor:PETROLEUM APPEARANCE AND ODOR

Percent Volatiles by Volume:8

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

Stability Indicator/Materials to Avoid:YES

FLUX IS MILDLY CORROSIVE BY NATURE. AVOID CONTACT WITH OTHER MATERIALS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:SEND TO LANDFILL IN CLOSED CONTAINERS. SOLID RESIDUE WASTE DISPOSAL. DISPOSAL MUST BE IN ACCORDANCE

E WITH LOCAL,  
STATE, AND FEDERAL REGULATIONS .

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