

J.W.HARRIS CO.INC. -- STAY BRITE SOLDERS -- 3439-00-422-6327

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

Product ID:STAY BRITE SOLDERS

MSDS Date:04/01/1990

FSC:3439

NIIN:00-422-6327

MSDS Number: BDYNC

=== Responsible Party ===

Company Name:J.W.HARRIS CO.INC.

Address:10930 DEERFIELD ROAD

City:CINCINNATI

State:OH

ZIP:45242

Country:US

Info Phone Num:513-891-2000

Emergency Phone Num:513-891-2000/800-424-9300(C

HEMTREC)

Preparer's Name:KURT CARTHERS

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

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===== Composition/Information on Ingredients =====

Ingred Name:TIN

CAS:7440-31-5

RTECS #:XP7320000

Fraction by Wt: 96%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3

Ingred Name:SILVER (SARA III)

CAS:7440-22-4

RTECS #:VW35

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Fraction by Wt: 4%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.01 MG/M3  
ACGIH TLV:0.1 MG/M3; 9394  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:ACUTAL EXPO SHOULD BE DETERMINED BY  
MONITORING FUME IN OPERATOR'S BREATHING ZONE.FUMES INHAL.POSSIBLE  
LEAD DUST INGEST FRM SMOKING/EATING  
AFT HNDLG LEAD BEARING  
SOLDERS.CU/ZN FUME:METAL FUME FEVER.CHR ONIC EXPO TO WELD  
FUMES/GAS/DUST:CONTRIBUTE TO PULM IRRIT/PNEUMOCONIOSIS.BRAZING  
ALLOYS FREQUENTLY USED W/FLUORIDE(SUPP)  
Explanation of Carcinogenicity:PER MSDS:WHEN BRAZING/PRODUCT CONTAINS  
NICKEL.  
Effects of Overexposure:SHORT TERM:METALLIC TASTE IN MOUTH,DRYNESS OR  
IRRIT OF THROAT FOLLOWED BY COUGHING,SHORTNESS OF  
BREATH,NAU,FEVER,BODY ACHE,CHILLS.  
Medical Cond Aggravated by Exposure:INDIVIDUALS W/IMPAIRED  
PULMONARY  
FUNCTIONS OR ILLNESS MAY HAVE SYMPTOMIC EXACERBATED BY FUME  
IRRITANTS.

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

First Aid:REMOVE FROM DUST OR FUME EXPOSURE. IF BREATHING HAS STOPPED,  
PERFORM ARTIFICIAL RESPIRATION. SUMMON MED AID IMMED.

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

Flash Point:NON-FLAMMABLE  
Extinguishing Media:NONE SPECIFIED BY MANUFACTURER. HOWEVER USE  
APPROPRIATE FIRE EXTINGUISHING MEDIA FOR SURR  
OUNDING FIRE/MATLS.  
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER. HOWEVER USE  
APPROPRIATE PROTECTIVE PERSONNEL EQPMT AS CONDITIONS WARRANTS.  
Unusual Fire/Explosion Hazard:OPEN FLAMES & SPARKS CAN IGNITE  
COMBUSTIBLES. SEE ANSI/AWS 749.1-1983 SEC 8.

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

Handling and Storage Precautions:READ/UNDERSTAND MFG  
INSTRUCTIONS/PRECAUTIONARY LABEL.SEE AMER NAT STD Z49.1 & OSHA  
PUBLICATIN 2206 FOR ADDN INFO ON PPE/EQ

PMT.

Other Precautions:ONE RECOMMENDED WAY TO DETERMINE COMPOSITION/QUANT OF FUMES/GASES WORKERS EXPO TO:TAKE AIR SPL IN WORKERS BREATH ZONE.SEE ANSI/AWS F1.1 FRM AMER WELD SOC,POB351040,MIAMI,FLA33135.

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

Respiratory Protection:USE RESPIRABLE FUME RESP OR AIR SUPPLIED RESP WHEN BRAZING IN CONFINED SPACE OR WHERE LOCAL EXHAUST OR VENTILATION DOES NOT KEEP EXPOUSRE BELOW TLV.

Ventilation:USE ENOUGH VENTI/LOC EXHA @ FLAME TO KEEP FUME/GAS