

HARRIS JW HARRIS WELCO DIV -- PASTEWELD SOLDER PAINT

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MSDS Safety Information
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FSC: 8010
MSDS Date: 11/02/1995
MSDS Num: CJBCZ
LIIN: 00F057030
Product ID: PASTEWELD SOLDER PAINT
MFN: 01
Responsible Party
Cage: G0739
Name: HARRIS JW CO INC HARRIS WELCO DIV
Address: 1051 YORK RD
Box: 69
City: KINGS MOUNTAIN NC 28086-5000
Info Phone Number: 704-739-6421
Emergency Phone Number: 704-739-6421
Review Ind: Y
Published: Y

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Preparer Co. when other than Responsible Party Co.
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Cage: G0739
Assigned Ind: Y
Name: HARRIS JW CO INC HARRIS WELCO DIV
Address: 1051 YORK RD
Box: 69
City: KINGS MOUNTAIN NC 28086-5000

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Contractor Summary
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Cage: G0739
Name: HARRIS JW CO INC HARRIS WELCO DIV
Address: 1051 YORK RD
Box: 69
City: KINGS MOUNTAIN NC 28086-5000
Phone: 704-739-6421
Cage: 34920
Name: J. W. HARRIS CO INC & HARRIS WELCO, DIVISION/J.W. HARRIS CO
Address: 1051 YORK RD
City: KINGS MOUNTAIN NC 28086
Phone: 704-739-6421

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Ingredients
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Cas: 7439-92-1
RTECS #: OF7525000
Name: LEAD (ANIMAL CARCINOGEN BY ACGIH, IARC - GROUP 2B) *98-3*
Other REC Limits: 0.15 MG/M3 MSHA
OSHA PEL: 0.2 MG/M3 TWA 8HR
ACGIH TLV: 0.15 MG/CUM
EPA Rpt Qty: 1 LB
DOT Rpt Qty: 1 LB

Cas: 7440-31-5
RTECS #: XP7320000

Name: TIN *98-3*
OSHA PEL: 2 MG/CUM
ACGIH TLV: 2.0 MG/CUM

Cas: 7646-85-7
RTECS #: ZH1400000
Name: ZINC CHLORIDE
OSHA PEL: 1 MG/CUM
ACGIH TLV: 1 MG/CUM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 12125-02-9
RTECS #: BP4550000
Name: AMMONIUM CHLORIDE *98-3*
OSHA PEL: 10 MG/CUM
ACGIH TLV: 10 MG/CUM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

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Health Hazards Data
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Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: YES
OSHA: NO

Effects of Exposure: LEAD POISONING AFTER LONG TERM EXTREME EXPOSURE FROM
INGESTION/INHALATION. CAUSES BURNS ON CONTACT. IS KNOWN TO CAUSE CANCER,
BIRTH DEFECTS/REPRODUCTIVE HARM.

Explanation Of Carcinogenicity: SEE INGREDIENTS.

Signs And Symptions Of Overexposure: METALLIC TASTE, ABDOMINAL PAIN, NAUSEA,
JOINT OF MUSCLE, PAIN/WEAKNESS, LOSS OF WEIGHT, MENTAL CONFUSION, LEAD LINE
ON GUMS, VOMITING

First Aid: INHALATION: REMOVE IMMEDIATELY FROM AREA. EYES/SKIN: IMMEDIATELY
FLUSH W/WATER FOR 15 MINS. INGESTION: GIVE LARGE QUANTITIES OF WATER &
MILK. DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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Handling and Disposal
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Spill Release Procedures: METALIC POWDER/DUST SHOULD BE VACUUMED/WET SWEEP
USING A RESPIRATOR & PROTECTIVE CLOTHING.

Waste Disposal Methods: SCRAP DRIPPING & DROSSES SHOULD BE STORED IN A
CLOSED CONTAINER & RETURNED TO A LEAD RECYCLER. DISPOSE OF IAW/LOCAL,
STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions: KEEP AREA CLEAN. USE GOOD HOUSEKEEPING
PRACTICES TO PREVENT ACCUMULATIONS OF DUST/FUMES.

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Fire and Explosion Hazard Information
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Fire Fighting Procedures: USE SELF CONTAINED RESPIRATORY SYSTEM. WHEN IN
PROXIMITY TO HIGHLY OXIDIZING MATERIALS AT HIGH TEMPS, LEAD MAY REACT
VIGOROUSLY.

Unusual Fire/Explosion Hazard: >650F, DECOMPOSES TO FORM FUMES. HAZARD WHEN
HIGH CONCENTRATION OF FINE METALLIC DUST IS EXPOSED TO HIGH HEAT/OPEN
FLAME.

HIGH TEMPS, LEAD MAY EMIT TOXIC FUMES.

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Control Measures
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Respiratory Protection: REQUIRED.
Ventilation: LOCAL: FUME HOOD OVER WORK AREA. MECHANICAL: 200FT/MIN. AIR
VELOCITY INTO HOOD OPENING
Protective Gloves: REQUIRED NEAR MOLTEN/HOT METAL
Eye Protection: SAFETY GLASSES, FACE SHIELD
Other Protective Equipment: SAFETY EYEWASH STATIONS
Work Hygienic Practices: WASH HANDS AFTER HANDLING. DON'T SMOKE/EXPOSE FOOD
TO
DUST.
Supplemental Safety and Health: FOR MAXIMUM SAFETY, BE CERTIFIED FOR & WEAR
A RESPIRATOR AT ALL TIMES WHEN WELDING/BRAZING. BOILING POINT-SOLDER:
>1700F, VAPOR PRESSURE-SOLDER950F-1.6 X 10⁻⁵. SPECIFIC GRAVITY-SOLDER:7.3
TO 11.3.

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Physical/Chemical Properties
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B.P. Text: 650F FLUX
Vapor Pres: NONE
Spec Gravity: 2.5 FLUX
Solubility in Water: INSOLUBLE
Appearance and Odor: METALLIC COLOR, GRAY TO SHINY SILVERY GRAY, NO ODOR

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: HIGH HEAT/TEMPS, OPEN FLAME
Materials To Avoid: ACIDS, BASES, CYANIDES, SULFIDES, OXIDIZERS, MOLTEN
METAL,
WATER
Hazardous Decomposition Products: AMMONIA, HYDROGEN CHLORIDE GAS, ZINC
CHLORIDE
FUMES
Hazardous Polymerization Indicator: NO

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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HAZCOM Label
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Product ID: PASTEWELD SOLDER PAINT
Cage: G0739

Assigned IND: Y
Company Name: HARRIS JW CO INC HARRIS WELCO DIV
Street: 1051 YORK RD
PO Box: 69
City: KINGS MOUNTAIN NC
Zipcode: 28086-5000
Health Emergency Phone: 704-739-6421
Label Required IND: Y
Date Of Label Review: 10/12/1999
Status Code: A
Origination Code: G
Hazard And Precautions: LEAD POISONING AFTER LONG TERM EXTREME EXPOSURE FROM
INGESTION/INHALATION. CAUSES BURNS ON CONTACT. IS KNOWN TO CAUSE CANCER,
BIRTH DEFECTS/REPRODUCTIVE HARM.

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