

LOW FUMING BRONZE

MSDS Number

BBDYR

National Stock Number

3439-00D001163

Product Name

LOW FUMING BRONZE

Manufacturer

J W HARRIS CO INC

Product Identification

Product ID:LOW FUMING BRONZE

MSDS Date:01/01/1987

FSC:3439

NIIN:00D001163

MSDS Number: BBDYR

Responsible Party

J.W.HARRIS CO.,INC.

Emergency Phone: (513)891-2000

Cage: 27911

Contractor

J. W. HARRIS CO., INC.

CINCINNATI, OH 45242-4110

US

513-891-2000

Cage: 27911

Ingredients

COPPER (SARA III)

CAS: 7440-50-8

RTECS: GL5325000

Fraction By Weight: 58%

OSHA PEL0.1MG/M3 FUME/1 DUST

ACGIH TLV: 0.2MG/M3 FUME; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ZINC (SARA III)

CAS: 7440-66-6

RTECS: ZG8600000

Fraction By Weight: 39.7%

OSHA PEL10 MG ZNO/M3

ACGIH TLV: 10 MG ZNO/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

TIN

CAS: 7440-31-5

RTECS: XP7320000

Fraction By Weight: 1%

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3; 9192

MANGANESE (SARA III)

CAS: 7439-96-5

RTECS: OO9275000

Fraction By Weight: 0.25%

OSHA PEL(C) 5 MG/M3 DUST

ACGIH TLV: 5 MG/M3 DUST 9293

IRON,CAS#7439-89-6,0.25-1.2%

CAS: 7439-89-6

RTECS: NO4565500

Fraction By Weight: 0.7%

ACGIH TLV: 5MG/CUM

Hazards

Effects of Overexposure:METALLIC TASTE,NAUSEA,TIGHTNESS OF CHEST,FEVER,DIZZINESS.EYE,NOSE,THROAT DRYNESS AND IRRITATION.

First Aid

First Aid:REMOVE FROM EXPOSURE AND OBTAIN PROMPT MEDICAL ATTENTION.IF UNCONSCIOUS,GIVE OXYGEN.IF NOT BREATHING GIVE CPR.EMPLOY FIRST AID TECHNIQUES RECOMMENDED BY AMERICAN RED CROSS.

Fire Fighting

Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE
Unusual Fire/Explosion Hazard:WELDING ARC AND SPARKS CAN IGNITE COMBUSTIBLE PRODUCTS.

Accidental Release

Spill Release Procedures:CLEAN UP ANY GRINDING DUST OR WASTE RESIDUE AND PLACE IN SUITABLE DOT APPROVED DISPOSAL CONTAINER.

Handling

Other Precautions:TRAIN WELDER TO KEEP HIS HEAD OUT OF THE FUMES.MONITOR AIR TO ENSURE ACCEPTABLE EXPOSURES.AVOID ELECTRICAL SHOCK BY MAINTAINING DRY WORK AREA.

Exposure Controls

Respiratory Protection:FUME RESP.OR AIR SUPPLIED RESP.IN CONFINED SPACES.

Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.

Protective Gloves:WELDER'S GLOVES

Eye Protection:FACE SHLD W/FILTER LENS

Other Protective Equipment:SUBST.DK.CLOTH,ARM PROTECTOR,APRON,HAT,SHOULDR.PROTECTION.

Supplemental Safety and Health

MSDS DATED NOV.85/OTHER INGRED:SILICON 0.04-0.15%/

Chemical Properties

HCC:N1

Appearance and Odor:COPPER BASED WELDING AND BRAZE WELDING WIRE & ROD.

Stability

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:FUMES OF METALS AND METAL
OXIDES,CO,NO*2,O*3

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL,STATE AND
FEDERAL REGULATIONS.

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