

HARRIS J W CO INC -- AZ 92A -- 3439-00-262-4285

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

Product ID:AZ 92A
MSDS Date:07/01/1990
FSC:3439
NIIN:00-262-4285
MSDS Number: BPBKR
=== 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
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

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

Ingred Name:MAGNESIUM OXIDE
CAS:1309-48-4
RTECS #:OM3850000
Fraction by Wt: BALANCE
Other REC Limits:NONE RECOMMENDED
OSHA

PEL:15 MG/M3 PARTICULATE
ACGIH TLV:10 MG/M3;TDUST; 9293

Ingred Name:ALUMINUM (SARA III)
CAS:7429-90-5
RTECS #:BD0330000
Fraction by Wt: 9.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15MG/M3 DUST/5 FUME
ACGIH TLV:10MG/M3 DUST; 9192

Ingred Name:ZINC OXIDE
CAS:1314-13-2
RTECS #:ZH4810000
Fraction by Wt: 2.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15MG/M3 TDUST/5 FUME
ACGIH TLV:10MG/M3 TDUST; 9293

Ingred Name:MANGANESE (SARA III)
CAS:7439-96-5
RTECS #:OO9275000
Fraction by Wt: 0.15%
Other
REC Limits:NONE RECOMMENDED
OSHA PEL:(C) 5 MG/M3 DUST
ACGIH TLV:5 MG/M3 DUST 9293

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:FUME AND DUST WOULD BE CONSIDERED
IRRITANTS. ZINC FUME MAY CAUSE METAL FUME FEVER. LONG TERM
EXPOSURE TO GENERAL WELDING FUME, GASES, OR DUST MAY CONTRIBUTE TO
PULMONARY IRRITATION OR PNEUMOCO
NIOSIS.
Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH IMPAIRED PULMONARY
FUNCTIONS OR ILLNESS MAY HAVE SYMPTOMS EXACERBATED BY FUME
IRRITANTS.

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

First Aid:REMOVE FORM DUST OR FUME EXPOSURE. IF BREATHING HAS STOPPED,
PERFORM ARTIFICIAL RESPIRATION. SUMMON MEDICAL AID IMMEDIATELY.

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

Extin

guishing Media:DO NOT USE WATER ON MOLTEN MATERIAL.

Fire Fighting Procedures:NONE.

Unusual Fire/Explosion Hazard:WHEN HEATED IN AIR TO A TEMPERATURE NEAR ITS MELTING POINT, MAGNESIUM ALLOYS IGNITE AND BURN WITH A WHITE FLAME.

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

Handling and Storage Precautions:READ AND UNDERSTAND THE MANUFACTURER'S INSTRUCTIONS AND THE PRECAUTIONARY LABEL ON THE PRODUCT.

Other Precautions:ARC RAYS- FROM ELECTRIC ARC WELDING OPERATIONS CAN

INJURE EYS AND BURN SKIN. ELECTRIC SHOCK- FROM ARC WELDING EQUIPMENT CAN KILL. HEAT RAYS- INFRATED RADIATION FROM FLAME OR HOT METAL CAN INJURE EYE S.

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

Respiratory Protection:USE RESPIRABLE FUME RESPIRATOR OR AIR-SUPPLIED RESPIRATOR WHEN WELDING IN CONFINED SPACE OR WHERE LOCAL EXHAUST OR VENTILATION DOES NOT KEEP EXPOSURE BELOW TLV.

Ventilation:USE ENOUGH VENTILATION AND LOCAL EXHAUST AT THE ARC TO KEEP

THE FUMES AND GASES BELOW TLV'S IN THE WORKER'S AREA.

Protective Gloves:WELDERS GLOVES.

Eye Protection:PROTECTIVE FACE SHIELD.

Other Protective Equipment:ARM PROTECTORS, APRONS, HATS, SHOULDER PROTECTION, AS WELL AS DARK SUBSTANTIAL CLOTHING.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

NONE

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:830F,443C

Appearance and Odor:SOLID MATERIAL.

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:WELDING FUMES AND GASES CANNOT BE CLASSIFIED SIMPLY.

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

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

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