

J.W.HARRIS CO.,INC. -- 1100 WELDING WIRE,ALUMINUM -- 3439-00-254-5030

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Product Identification
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Product ID:1100 WELDING WIRE,ALUMINUM

MSDS Date:01/01/1987

FSC:3439

NIIN:00-254-5030

MSDS Number: BDPBL

=== Responsible Party ===

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

Emergency Phone Num:513-891-2000

CAGE:27911

=== Contractor Identification ===

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

Address:10930 DEE

RFIELD 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:ALUMINUM (SARA III)

CAS:7429-90-5

RTECS #:BD0330000

Fraction by Wt: 99%.

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: 0.1%

OSHA PEL:15MG/M3 TDUST/5 FUME

ACGIH TLV:10MG/M3 TDUST; 9293

Ingred Name:COPPER (SARA III)

CAS:7440-50-8

RTECS

#:GL5325000
Fraction by Wt: 0.12%
OSHA PEL:0.1MG/M3 FUME/1 DUST
ACGIH TLV:0.2MG/M3 FUME; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:MANGANESE (SARA III)
CAS:7439-96-5
RTECS #:OO9275000
Fraction by Wt: 0.05%
OSHA PEL:(C) 5 MG/M3 DUST
ACGIH TLV:5 MG/M3 DUST 9293

Ingred Name:SILICA, CRYSTALLINE - FUSED
CAS:60676-86-0
RTECS #:VV7328000
Fraction by Wt: 0.5%
OSHA PEL:SEE TABLE Z3
ACGIH TLV:0.1 MG/M3 RDUST;9293

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

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Effects of Overexposure:INHL:DIZZ,NAUS,URI IRRT,WELD FUME FEVER-
BODY:ACHE,CHILLS,FEVER.WELDING ARC:POSS EYE & SKN BURNS.

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

First Aid:REMOVE TO FRESH AIR, GIVE ART RESP OR OXYGEN AS REQD. CALL
PHYSICIAN IMMED.

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

Flash Point:NONE
Extinguishing Media:AS REQD FOR NEARBY FIRE
Fire Fighting Procedures:AS REQD FOR NEARBY FIRE
Unusual Fire/Explosion Hazard:WEL
DING ARC CAN IGNITE COMBUSTIBLES.

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

Handling and Storage Precautions:DO NOT TOUCH LIVE ELECTRICAL PARTS OF
WELDING GEAR, INSULATE BODY FROM WORK & GROUND.
Other Precautions:PROVIDE PROTECTIVE SCREENS,FLASH GOGGLES TO NEARBY
WORKERS AS REQD.AVOID DIRECT EYE,SKN EXPOSURE TO WELD ARC.

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

Respiratory Protection:USE DUST,FUME RESPIRATOR AS REQD
Ventilation:LOC

AL EXHAUST, WELDING BOOTH

Protective Gloves:WELDERS GLOVES

Eye Protection:WELD MASK W/FILTER LENS

Other Protective Equipment:USE HEAD,BODY PROTECTION AS
REQD,APRON,HAT,SHOULDER PROTEC

Supplemental Safety and Health

MSDS #21779,NON-STD,DATED NOV 85. ADDED INGRED:IRON OXIDE FUME,
0.5%(EST),5 MG/CUM(Resp).

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

HCC:N1

Appearance and Odor:SOLID WIRE

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

Stabilit

y Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:WELD FUMES; CARBON, NITROGEN OXIDES,
OZONE

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