

J.H.HARRIS CO. INC. -- #5554;ELECTRODE,WELDING -- 3439-00-803-9499

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Product Identification  
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Product ID:#5554;ELECTRODE,WELDING

MSDS Date:01/01/1987

FSC:3439

NIIN:00-803-9499

MSDS Number: BFQDD

=== Responsible Party ===

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

Emergency Phone Num:513-891-2000

CAGE:MO001

=== Contractor Identification ===

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

Address:10930 DEERFIE

LD ROAD

Box:City:CINCINNATI

State:OH

ZIP:45242-4110

Country:US

Phone:513-891-2000

CAGE:27911

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

CAGE:MO001

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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: 95.3%

OSHA PEL:15MG/M3 DUST/5 FUME

ACGIH TLV:10MG/M3 DUST; 9192

Ingred Name:TITANIUM DIOXIDE

CAS:13463-67-7

RTECS #:XR2275000

Fraction by Wt: 0.12%

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred

Name:ZINC OXIDE  
CAS:1314-13-2  
RTECS #:ZH4810000  
Fraction by Wt: 0.25%  
OSHA PEL:15MG/M3 TDUST/5 FUME  
ACGIH TLV:10MG/M3 TDUST; 9293

Ingred Name:CHROMIUM (SARA III)  
CAS:7440-47-3  
RTECS #:GB4200000  
Fraction by Wt: 0.12%  
OSHA PEL:1 MG/M3  
ACGIH TLV:0.5 MG/M3; 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:MAGNESIUM OXIDE  
CAS:1309-48-4  
RTECS #:OM3850000  
Fraction by Wt: 2.7%  
OSHA PEL:15 MG/M3 PARTICULATE  
ACGIH TLV:10 MG/M3;TDUST; 9293

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===== Hazards Identification =====  
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Effects of Overexposure:INHALATION OF FUMES:SKIN & EYES  
IRRITATION;DIZZINESS,NAUSEA,IRRIT.OF THROAT;METAL FUME  
FEVER;CR:CARC

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===== First Aid Measures =====  
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First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O\*2 IF  
NEED;EYES/SKIN:FLUSH W LG AMTS H\*2O FOR 15 MIN;INGEST:RINSE MOUTH;  
GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER  
SYMPTOMS OF OVEREXPOSURE.

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===== Fire Fighting Measures =====  
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Flash Point:NONE  
Extinguishing Media:CO\*2,DRY CHEM CA,FOAM  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN CONFINED AREA  
Unusual Fire/Explosion Hazard:WELDING ARC,OPEN FLAME AND SPARKS CAN  
IGNITE COMBUSTIBLES;USE REASONABLE CARE.

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===== Accidental Release Measures =====  
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Spill Release Procedures:USE PROPER PROTECTION:RECOVER SCRAP METAL OR  
RODS AND DISPOSE OF UNDER RULES

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

ling and Storage Precautions:STORE IN DRY AREA.KEEP TIGHTLY  
CLOSED;HANDLE WITH FULL PERSONAL PROTECTION.  
Other Precautions:AVOID CONTACT WITH EYES AND SKIN:DO NOT BREATHE  
DUST/METAL FUMES: USE GOOD INDUSTRIAL HYGIENE PRACTICE.

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Exposure Controls/Personal Protection  
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Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR  
DUST/METAL FUMES IF ABOVE TLV  
Ventilation:LOCAL EXHAUST TO MAINTAIN BELOW TLV.  
Protective Gloves:WELDER GLOVES  
Eye Protection:GOGGLES  
/FACE SHIELD  
Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE  
WASH STATION  
Supplemental Safety and Health  
MSDS DATED:NOVEMBER,1985:OTHER  
INGREDIENTS:MN=0.75%;COPPER=0.10%;FE=0.40%;S1=0.25%

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Physical/Chemical Properties  
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HCC:N1  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:SOLID WIRE OR ROD

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES  
NONE NOTED  
Stability C  
Condition to Avoid:HEAT  
Hazardous Decomposition Products:METAL FUMES DURING  
WELDING,CO,CO\*2,O\*3,NITROGEN OXIDE.

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Disposal Considerations  
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Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH  
LOCAL STATE AND FEDERAL REGULATIONS.

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