

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

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

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 DEERFIELD

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

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

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 Na

me: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

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

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

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

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.

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

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.

=====
===== Accidental Release Measures =====
=====

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

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

Handlin

g 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.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR
DUST/METAL FUMES IF ABOVE TLV
Ventilation:LOCAL EXHAUST TO MAINTN 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%

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

HCC:N1
Solubility in Water:NEGLIGIBLE
Appearance and Odor:SOLID WIRE OR ROD

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

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

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

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

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever

ever,

expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.