

TELEDYNE MC KAY -- ELECTRODE WELDING,MCKAY GRADE 7018XLM -- 3439-00-542-0964
===== Product Identification =====

Product ID:ELECTRODE WELDING,MCKAY GRADE 7018XLM

MSDS Date:01/01/1987

FSC:3439

NIIN:00-542-0964

MSDS Number: BFDLP

=== Responsible Party ===

Company Name:TELEDYNE MC KAY

Emergency Phone Num:(717)8457581

CAGE:JO784

=== Contractor Identification ===

Company Name:HOBART BROS CO MCKAY WELD
ING PRODUCTS DIV

Address:400 TRADE SQ E

Box:City:TROY

State:OH

ZIP:45373-2900

Country:US

Phone:513-332-5706

CAGE:76254

Company Name:TELEDYNE MC KAY

Address:850 GRANTLEY RD

Box:1509

City:YORK

State:PA

ZIP:17405

Country:US

CAGE:JO784

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

Ingred Name:IRON OXIDE

CAS:1309-37-1

RTECS #:NO7400000

Fraction by Wt: 98.3%

OSHA PEL:10 MG/M3 (FE)

ACGIH TLV:5 MG/M3(FE),B2; 9293

Ingred Name:MANGANESE (SARA III)

CAS:7439-96-5

RTECS #:OO9275000

Fraction by Wt: 1.1%
OSHA PEL:(C) 5 MG/M3 DUST
ACGIH TLV:5 MG/M3 DUST 9293

Ingred Name:SILICON
CAS:7440-21-3
RTECS #:VW0400000
Fraction by Wt: 0.5%
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:GRAPHITE, SYNTHETIC
CAS:7440-44-0
RTECS #:FF5250100
Fraction by Wt: 0.06%
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:2 MG/M3 TDUST; 9293

Ingred Name:CALCIUM FLUORIDE
CAS:7789-75-5
RTECS #:EW1760000
OSHA PEL:2.5 MG/M3 (F)
ACGIH TLV:2.5 MG/M3 (F); 8990

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Hazards Identification =====

Effects of Overexposure:SHORT TERM:METALLIC TASTE,NAUSEA,TIGHTNESS OF CHEST,FEVER,DIZZINESS.EYE,NOSE & EYE DRYNESS & IRRIT.

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First Aid Measures =====

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

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Fire Fighting Measures =====

Extinguis

hing Media: DRY CHEMICAL

Unusual Fire/Explosion Hazard: THE WELDING ARC AND SPARKS (SPATTER) CAN IGNITE COMBUSTABLE OR FLAMMABLE MTLs.

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

Other Precautions: TRAIN WLDR TO KP HIS HEAD OUT OF THE FUMES. MONITOR AIR TO ENSURE ACCEPT. EXPOSURES. AVOID ELECTR. SHOCK BY MAINTAINING DRY WK AREA.

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

Respiratory Protection: USE FUME RESPIRAT. OR AIR SUPP. RESPIRAT. WHEN

WELDING IN CLOSED SPACES

Ventilation: LOCAL EXHAUST OR DILUTN. OR BOTH

Protective Gloves: WELDER GLOVES

Eye Protection: HELMET OR FACE SHIELD

Other Protective Equipment: ARM PROTECTORS, APRON, HAT, SHOULDER PROTECTR & DK SUBST. CLOTH.

Supplemental Safety and Health

OTHER

INGREDS: AL*20*3, TLV5MG/CUM; CAO, TLV2; MGO, TLV10; TIO*2, TLV10.--0'EXPOSURE: LG TERM: BRONCH. ASTHMA, LUNG FIBROSIS, PNEUMOCONIOSIS OR SIDEROSIS.

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

HCC: N1

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

Stability Indicator/Materials to Avoid: YES

Hazardous Decomposition Products: COMPLEX OXIDE AND FLUORIDE COMBINATION OF ALL ELECT. INGREDS.

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

Waste Disposal Methods: DISPOSE OF FUME OR FLUX GRINDING RESIDUE FROM THE WORK AREA OR FROM FILTERS IAW EPA OR LOCAL REGULATIONS.

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