

MARCO CO -- SILVER BRAZING FLUX #1900 -- 3439-01-047-4141

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Product Identification  
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Product ID:SILVER BRAZING FLUX #1900

MSDS Date:12/15/1998

FSC:3439

NIIN:01-047-4141

Status Code:A

Kit Part:Y

MSDS Number: CKHLJ

=== Responsible Party ===

Company Name:MARCO CO

Address:5722 UNION PACIFIC AVENUE

City:LOS ANGELES

State:CA

ZIP:90022-5135

Country:US

Info Phone Num:213-723-0711

Emergency Phone

Num:213-723-0711

CAGE:55278

=== Contractor Identification ===

Company Name:JO-JON INC

Address:360 FREEPORT BLVD SUITE 1 & 2

Box:UNKNOW

City:SPARKS

State:NV

ZIP:89431

Country:US

Phone:702-356-6988

Contract Num:SP0490-00-M-Q789

CAGE:009J0

Company Name:MARCO CO

Address:5722 UNION PACIFIC AVENUE

Box:City:LOS ANGELES

State:CA

ZIP:90022-5135

Country:US

Phone:213-723-0711

CAGE:55278

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Composition/Information on Ingredients  
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Ingred Name:BORACIC ACID (ORTHOBORIC ACID)

CAS:100

43-35-3  
RTECS #:ED4550000  
ACGIH TLV:15 MG/M3

Ingred Name:POTASSIUM TETRABORATE (DIPOTASSIUM TETRABORATE, K2B4O7)  
CAS:12228-88-5  
Code:F  
ACGIH TLV:1.0 MG/M3

Ingred Name:POTASSIUM BIFLUORIDE  
CAS:7789-29-9  
RTECS #:TS6650000  
OSHA PEL:2.5 MG/M3 FLUORIDE  
ACGIH TLV:2.5 MG/M3 FLUORIDE

Ingred Name:POTASSIUM PENTABORATE ( POTASSIUM PENTABORATE OCTAHYDRATE)  
CAS:12229-13-9  
ACGIH TLV:1.0 MG/M3

Ingred Name:SODIUM DODECYL SULFATE  
CAS:151-21-3  
RTECS #:WT1050000

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC011  
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===== Hazards Identification =====  
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Health Hazards Acute and Chronic:ELECTRIC ARC-WELDING MAY CREATE ONE OR MORE OF THE FOLLOWING HEALTH HAZARDS: FUMES AND GASES CAN BE DANGEROUS TO YOUR HEALTH. ARC RAYS CAN INJURE EYES AND BURN SKIN. ELECTRIC SHOCK CAN KILL.SHORT TERM EXPOSURE TO WELDING FUMES MAY RESULT IN DISCOMFORT, DIZZINESS, NAUSEA AND DRYNESS/IRRITATION OF THE THROAT. CHRONIC EXPOSURE TO WELDING FUMES MAY LEAD TO SIDEROSSIS.

Effects of Overexposure:SHORT- TERM OVEREXPOSURE TO WELDING FUMES MAY RESULT IN DISCOMFORT SUCH AS: DIZZINESS, NAUSEA, OR DRYNESS OR IRRITATION OF NOSE, THROAT, OR EYES. TIGHTNESS IN CHEST, FEVER AND ALLERGIC REACTIONS. (SEE SECTIONS 4 AND 7). LONG-TERM OVEREXPOSURE TO WELDING FUMES MAY LEAD TO SIDEROSIS (IRON DEPOSIT IN LINGS) AND IS BELIEVED BY SONE INVESTIGATORS TO AFFECT PULMONARY FUNCTION. 1.8MG FLUORIDE FUMES PER C U/M WHEN HEATED CAN CAUSE IRRITATION TO EYES,



N WELDING AND CUTTING, SEE AMERICAN STANDARD  
Z49.1-1983, SAFETY IN WELDING AND CUTTING, AND THE WELDING  
HANDBOOK, VOL. 1, CHAPTER9, SAFE PRACTIECS IN WELDING AND CUTTING,  
BOTH AVAILABLE FROM AMERICAN WELDING SOCIETY, INC.,. 550 N.W.  
LEJEUNE ROAD. PO.BOX 351040, MIAMI, FL 33135, TEL.(305)443-9353.

Ventilation:USE EXHAUST SYSTEM TO CLEAR WELDING FUMES. MAKE SURE THAT  
INHALED AIR DOES NOT CONTAIN FUME CONSTITUENTS ABOVE PERMISSIBLE  
EXPOSURE LEVELS.

Protective Gloves:USE WELDI  
NG GLOVES

Eye Protection:WELDING GOGGLES WITH FILTERS.

Other Protective Equipment:APPROPRIATE FOR WELDING.

Work Hygienic Practices:WASH HANDS AND FACE AFTER WELDING.

Supplemental Safety and Health

ITEM IS A TWO PART KIT, PART B IS "SILVER BRAZING ALLOY BARE". SEE MFN  
2, SAME NSN.

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

HCC:C3

Appearance and Odor:WHITE CREAMY PASTE

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

Stability Indicator/Material

s to Avoid:YES

NONE UNLESS OTHERWISE SPECIFIED.

Stability Condition to Avoid:NONE UNLESS OTHERWISE SPECIFIED.

Hazardous Decomposition Products:GASEOUS REACTION PRODUCTS MAY INCLUDE  
CARBON MONOXIDE AND CARBON DIOXIDE, OZONE AND NITORGEN OXIDES MAY  
BE FORMED BY THE RADIATION FROM THE ARC.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING  
ENVIRONMENT. DISCARD ANY PRODUCT RESIDUE, DISPOSABLE CONTAINER  
OR  
LINER IN AN ENVIRONMENTALLY ACCEPTABLE MANNER, IN FULL COMPLIANCE  
WITH FEDERAL, STATE AND LOCAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:CORROSIVE SOLID

===== Regulatory Information =====

State Regulatory Information:THIS PRODUCT MAY CONTAIN DETECTABLE  
AMOUNTS OF CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE  
CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM ( CALIFORNIA

PROP

65, HEALTH & SAFETY CODE 25249.5)

===== Other Information =====

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