

MARCO CO -- MARCOLOY #1900 BARE (#1900 KIT) -- 3439-01-047-4141

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

Product ID:MARCOLOY #1900 BARE (#1900 KIT)

MSDS Date:12/15/1998

FSC:3439

NIIN:01-047-4141

Status Code:A

Kit Part:Y

MSDS Number: CKHLK

=== 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

Emerg

ency 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

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

Ingred Name:SILVER

CAS:7440-22-4

RTECS

#:VW3500000
OSHA PEL:0.01 MG/M3
ACGIH TLV:0.1 MG/M3
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:COPPER
CAS:7440-50-8
RTECS #:GL5325000
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ZINC
CAS:7440-66-6
RTECS #:ZG8600000
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3 FUMES
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:TIN
CAS:7440-31-5
RTECS #:XP7320000
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3

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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, NOSE AND THROAT.

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===== First Aid Measures =====
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First Aid:REMOVE TO FRESH AIR, OBTAIN MEDICAL ATTENTION. EMPLOY FIRST AID TECHNIQUES RECOMMENDED BY THE AMERICAN RED CROSS. SKIN AND EYE CONTACT: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF DIFFICULT BREATHING OR THROAT IRRITATION.

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===== Fire Fighting Measures =====
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Flash Point:NON-FLAMMABLE
Autoignition Temp:Autoignition Temp Text:NON-FL
Lower Limits:NA
Upper Limits:NA
Unusual Fire/Explosion Hazard:WELDING AR
C AND SPARKS CAN IGNITE
COMBUSTIBLES AND FLAMMABLES. REFER TO AMERICAN NATIONAL STANDARD Z49.1 FOR FIRE PREVENTION DURING THE USE OF WELDING AND ALLIED PROCEDURES. NON-FLAMMABLE.

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===== Accidental Release Measures =====
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Spill Release Procedures:SCRAP UP AND FLUSH WITH PLENTY OF WATER.

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===== Handling and Storage =====
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Handling and Storage Precautions:WELDING ARC AND SPARKS CAN IGNITE COMBUSTIBLES AND FLAMMABLES. REF ER TO AMERICAN NATIONAL STANDARD Z49.1 FOR FIRE PREVENTION DURING THE USE OF WELDING AND ALLIED PROCEDURES.
Other Precautions:USE EXHAUST SYSTEM TO CLEAR WELDING FUMES. MAKE SURE INHALED AIR DOES NOT CONTAIN FUME CONSTITUENTS ABOVE PERMISSIBLE EXPOSURE LEVELS.

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===== Exposure Controls/Personal Protection =====
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Respiratory Protection:OTHER PRECAUTIONS FOR ADDITIONAL SAFETY INFORMATION ON WELDING AND CUTTING, SEE AMERICAN STANDARD Z49.1-1983, SAFETY IN WE

LDING 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 WELDING GLOVES

Eye Protection:WELDING GOGGLES WITH FILTERS.

Other Protective E

quipment:APPROPRIATE FOR WELDING.

Work Hygienic Practices:WASH HANDS AND FACE AFTER WELDING.

Supplemental Safety and Health

ITEM IS A TWO PART KIT, PART "A" IS A FLUX. SEE MFN 1, SAME NSN. HCC
FOR KIT = C3.

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

HCC:N1

Appearance and Odor:WHITE CREAMY PASTE

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

Stability Indicator/Materials to Avoid:YES
NONE UNLESS OTHERWISE SPECIFIED.

Stability Condition to Av

oid: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)

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r Information =====

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