

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

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Product Identification
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Product ID:MARCOLOY #1900 SILVER BRAZING FLUX

MSDS Date:10/01/1988

FSC:3439

NIIN:01-047-4141

Kit Part:Y

MSDS Number: BTKTB

=== 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 Ph

one Num:213-723-0711

CAGE:55278

=== Contractor Identification ===

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:BORIC ACID

CAS:10043-35-3

RTECS #:ED4550000

Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM TETRABORATE

CAS:12228-88-5

Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM HYDROGEN FLUORIDE

CAS:77

89-29-9
RTECS #:TS6650000
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM PENTABORATE
CAS:1229-13-9
Other REC Limits:NONE RECOMMENDED

Ingred Name:DODECYL SULFATE, SODIUM SALT
CAS:151-21-3
RTECS #:WT1050000
Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO I

ARC:NO OSHA:NO

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.

Explanation of Carcinogenicity:NOT CARCINOGENIC.

Effects of Overexposure:SHORT-TERM OVEREXPOSURE TO WELDING FUMES MAY RESULT IN DISCOMFORT SUCH AS: DIZZINESS, NAUSEA, DRYNESS OR IRRITATION OF NOSE, THROAT, OR EYES, TIGHTNESS IN CHEST, FEVER

&

ALLERGIC REACTION. LONG-TERM O VEREXPOSURE TO WELDING FUMES MAY LEAD TO SIDEROSIS (IRON DEPOSIT IN LUNGS) & IS BELIEVED TO AFFECT PULMONARY FUNCTIONS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN AND EYE CONTACT-FLUSH WITH WATER FOR AT LEAST 15 MIN.
GET MEDICAL ATTENTION IF DIFFICULT BREATHING OR THROAT IRRITATION.

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

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Flash Point:NON-FLAMMABLE

Extinguishing Media:NONE SPECIFIED BY MANUFACTURER.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:WELDING ARC AND SPARKS CAN IGNITE
COMBUSTIBLES AND FLAMMABLES. REFER TO AMERICAN NATIONAL STANDARD
Z49.1 FOR FIRE PREVENTION DURING USE OF WELDING & PROCEDURES.

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

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

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

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

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

Respiratory Protection:USE RESPIRABLE FUME RESPIRATORY OR AIR SUPPLIED
RESPIRATOR WHEN WELDING IN A CONFINED SPACE OR WHERE LOCAL EXHAUST
OR VENTILATION DOES NOT KEEP EXPOSURE BELOW RECOMMENDED EXPOSURE
LIMITS.

Ventilation:USE ENOUGH VENTILATION, LOCAL EXHAUST AT THE ARC, OR BOTH
TO KEEP THE FUMES AND GASES FROM THE WORKERS BREATHING ZONE.

Protective Gloves:WELDER'S GLOVES, ARM PROTECTORS.

Eye Protection:WEAR HELMET OR USE FACE SHIELD W/LENSES.

Other Protective Equipment:WEAR HAND, HEAD, AND BODY PROTECTION
(APRONS, HATS, SHOULDER PROTECTION AS WELL AS DARK SUBSTANCIAL
CLOTHING).

Work Hygienic Practices:TRAIN THE
WELDER NOT TO TOUCH LIVE ELECTRICAL
PARTS & TO INSULATE HIMSELF FROM WORK AND GROUND.

Supplemental Safety and Health

GASEOUS REACTION PRODUCTS MAY INCLUDE CARBON MONOXIDE AND CARBON
DIOXIDE. OZONE AND NITROGEN OXIDES MAY BE FORMED BY THE RADIATION
FROM THE ARC.

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

HCC:N1

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

Stability Indicator/Materials to Avoid:YES
NONE.

Stability Condition to Avoid

:NONE, UNLESS OTHERWISE SPECIFIED.

Hazardous Decomposition Products:THE COMPOSITION & QUALITY OF WELDING FUMES & GASES ARE DEPENDENT UPON THE METAL BEING WELDED, PROCESS & ELECTRODE USED.

===== 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.

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