

MARCO CO -- MARCOLOY #1109;SOFT SOLDER -- 3439-01-297-3284

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Product Identification  
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Product ID:MARCOLOY #1109;SOFT SOLDER

MSDS Date:06/13/1988

FSC:3439

NIIN:01-297-3284

Kit Part:Y

MSDS Number: BHXR B

=== 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

Preparer's Name:BARRY MARDEN

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

Company Name:SPECIALTY TOOLS INC

Address:1123 S. HATCHER AVE

Box:City:ROWLAND HEIGHTS

State:CA

ZIP:91748-1003

Country:US

Phone:626-912-4467

CAGE:7W874

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Composition/Information on Ingredients  
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Ingred Name:TIN

CAS:7440-31-5

RTECS #:XP7320000

OSHA PEL:

2 MG/M3  
ACGIH TLV:2 MG/M3; 9192

Ingred Name:ZINC (SARA III)  
CAS:7440-66-6  
RTECS #:ZG8600000  
OSHA PEL:10 MG ZNO/M3  
ACGIH TLV:10 MG ZNO/M3; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF  
EYES,SKIN,RESPIRATORY OR G,I.TRACT;REDNESS OR BURNS OF EYES ARE  
POSSIBL  
E FROM FUMES AND GASES(WELDING PROCESS.)FUMES MAY CAUSE  
DIZZINESS,NAUSEA OR DRYNESS.METAL FUMES FEVER DUE TO ZINC OXIDE  
FUMES  
Explanation of Carcinogenicity:DATA PER MGF MSDS.  
Effects of Overexposure:SEE HEALTH HAZARDS DATA.  
Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE  
WORSEN.

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

First Aid:EYES AND SKIN:FLUSH WITH LARGE AMOUNT OF WATER FOR ABOUT  
15-20 MINUTES;SEEK MEDICAL ATTENTION IMMEDIAT  
ELY.INHALATION:REMOVE  
TO FRESH AIR;CALL A PHYSICIAN.INGESTION:SEEK MEDICAL ATTENTION  
IMMEDIATELY.

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

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL IF APPLICABLE.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER  
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:TOXIC G

ASES OR FUMES DUE TO WELDING;FIRE  
OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION  
PRODUCTS.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;SWEEP UP OR  
VACUUM AND COLLECT FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

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

Handling and Storage Precautions:USE AS DIRECTED  
Other Precautions:WASH THOROUGHLY AFTER EACH USE.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR  
DUST/MIST/VAPORS IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.  
Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.  
Protective Gloves:AS REQUIRED FOR WELDING  
Eye Protection:SAFETY GLASSES/GOGGLES  
Other Protective Equipment:PROTECTIVE CLOTHINGS.EYE-WASH  
FACILITIES,SAFETY SHOWER.  
Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE  
VAPORS/MIST/DUST.  
WASH THOROUGHLY AFTER EACH USE;DO NOT  
EAT,DRINK,SMOKE.  
Supplemental Safety and Health  
FOLLOW ALL PRECAUTIONS AS APPLICABLE FOR CUTTING AND WELDING .

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

HCC:N1  
Melt/Freeze Pt:M.P/F.P Text:390F,199C  
Appearance and Odor:SILVER,ODORLESS

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

Stability Indicator/Materials to Avoid:YES  
NONE NOTED  
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:TOXIC FUMES OR VAPORS FROM METAL BEING WELDED.(DEPENDS UPON METAL,PROCESS,PROCEDURES AND ELECTRODES BEING USED)

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES;DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS

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