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## MULTICORE SOLDERS -- SOLDER SN 60 (SN60PB40) WRAP 3 -- 3439-01-153-2077

Product ID:SOLDER SN 60 (SN60PB40) WRAP 3

MSDS Date:03/11/1992

FSC:3439

NIIN:01-153-2077

MSDS Number: BQWNK === Responsible Party ===

Company Name: MULTICORE SOLDERS

Address: CANTIAGUE ROCK RD

City:WESTBURY

State:NY ZIP:11590 Country:US

Info Phone Num:214-238-1224 Emergency Phone Num:214-238-1

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Preparer's Name: ROBERT L. GILBERT

CAGE:03051

=== Contractor Identification ===

Company Name: MULTICORE SOLDERS

Address: CANTIAGUE ROCK RD

Box:City:WESTBURY

State:NY ZIP:11590 Country:US

Phone:214-238-1224

CAGE:03051

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

Ingred Name:LEAD (SARA III)

CAS:7439-92-1

RTECS #:OF7525000 Fraction by Wt: 35-40%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:0.05 MG/M3;1910.1025 ACGIH TLV:0.15 MG/M3;DUST 9293

EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

Ingred Name:TIN CAS:7440-31-5 RTECS #:XP7320000

Fraction by Wt: 55-60%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 9293

Ingred Name: ROSIN (MAY DECOMPOSE DURING SOLDERING TO

FORMALDEHYDE/TURPENTINE)

CAS:8050-09-7

Fraction by Wt: 1 - 3%

Other REC Limits: NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Ac

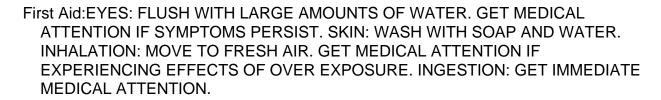
ute and Chronic:ACUTE: WEAKNESS, VOMITING, LOSS OF

APPETITE, CONVULSIONS, STUPOR, POSSIBLY COMA. DUST, VAPOR OR FUMES MAY BE IRRITATING TO SKIN, EYES, RESPIRATORY SYSTEM. CHRONIC: WEAKNESS, INSOMNIA, HYPERTENSION, SLIGHT IRRITATION OF EYES, HEADACHE, POSSIBLE PARALYSIS. LEAD MAY DAMAGE BLOOD-FORMING, NERVOUS, URINARY, REPRODUCTIVE SYSTEMS.

Explanation of Carcinogenicity:FORMALDEHYDE FORMED DURING THE DECOMPOSITION OF ROSIN FLUX IS LISTED AS A SUSPECTED CARCINOGEN BY ACGIH

Effects of Overexposure:WEAKNESS, VOMITING, LOSS OF APPETITE, CONVULSIONS, STUPOR, COMA, SKIN IRRITATION, EYE IRRITATION, RESPIRATORY SYSTEM IRRITATION, INSOMIA, HYPERTENSION, HEADACHE, PARALYSIS, AND DAMAGE OF BLOOD-FORMING, NERVOUS, URINARY, AND REPRODUCTIVE SYSTEMS.

Medical Cond Aggravated by Exposure:LEAD AND ITS INORGANIC COMPOUNDS ARE NEUROTOXINS WHICH MAY PRODUCE NEUROPATY. ROSIN IS AN ALLERGEN.



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

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM. Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING AND

NIOSH-APPROVED FULL FACE PIEC

E, SELF-CONTAINED BREATHING APPARATUS OPERATED IN THE POSITIVE-PRESSURE MODE.

Unusual Fire/Explosion Hazard:DO NOT USE WATER ON FIRES WHERE MOLTEN METAL IS PRESENT. HIGH TEMPERATURES MAY PRODUCE HEAVY METAL FUMES, DUSTS AND OR VAPORS.

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

Spill Release Procedures:PARTICULATE MATTER SHOULD BE STORED IN DRY CONTAINERS FOR LATER DISPOSAL. DUST MATERIAL SHOULD BE VACUUMED OR WET SWEPT. DO NOT USE COMPRESSED AIR OR

DRY SWEEPING AS A MEANS OF CLEANING.

Neutralizing Agent: NOT APPLICABLE.

Handling and Storage Precautions:WASH HANDS WITH SOAP AND WATER AFTER HANDLING SOLDER. STORE IN DRY AREA AWAY FROM STRONG OXIDIZERS. AVOID BREATHING SMOKE DURING SOLDERING.

Other Precautions: NONE KNOWN.

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

Respiratory Protection: NONE NORMALLY REQUIRED. FOLLOW SPECIFICATIONS IN

29 CFR 1910.1025 (F) IF EXPOSURE EXCEEDS PEL.

Ventilation:LOCAL EXHAUST TO REMOVE SMOKE FROM BREATHING AREA. MECHANICAL (GENERAL) IS NORMALLY ADEQUATE.

Protective Gloves: IMPERVIOUS.

Eye Protection: FACE SHIELD OR SAFETY GLASSES.

Other Protective Equipment:EYE WASH STATION, EMERGENCY SHOWER. PERSONAL CLOTHING AND SHOES SHOULD BE PROTECTED FROM CONTAMINATION.

Work Hygienic Practices:DO NOT EAT, DRINK OR SMOKE IN WORK AREA. WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING.

Supplemental Safety and Health
========= Physical/Chemical Properties ==========
HCC:N1
Melt/Freeze Pt:M.P/F.P Text:361F,183C
Spec Gravity:8 @25C
Solubility in Water:INSOLUBLE Appearance and Odor:GRAY METAL WITH NEUTRAL ODOR.
========== Stability and Reactivity Data ==========
Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.
Stability Condition to Avoid: NONE KNOWN.
Hazardous Decomposition Products:HIGH TEMPERATURES MAY PRODUCE HEAVY M
ETAL FUMES, DUST AND/OR VAPORS.
Conditions to Avoid Polymerization:WILL NOT OCCUR.
======== Disposal Considerations ============
Waste Disposal Methods:DISPOSE OF HAZARDOUS WASTES IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. CONSULT A LICENSED HAZARDOUS WASTE COMPANY.

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