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MULTICORE SOLDERS -- SOLDER SN 60 (SN60PB40) WRMAP 2 -- 3439-00-437-6721

Product ID:SOLDER SN 60 (SN60PB40) WRMAP 2

MSDS Date:03/11/1992

FSC:3439

NIIN:00-437-6721

MSDS Number: BQWLF === 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-

1224

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 L

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 A

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

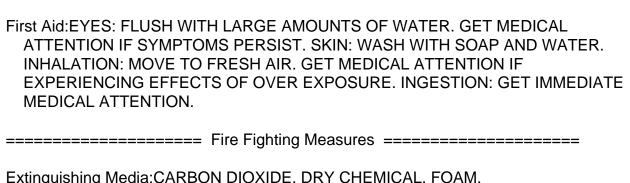
APPETITE, CONVULSIONS, STUPOR, POSSIBLY COMA. DUST, VAPOR OR FUMES MAY BE IRRITATING TO SKIN, EYES, RESPIRATORY SYSTEM. CHRONIC: WEAKNESS, INSOMNIA, HYPERTENSION, SLIGHT IRRITATION OF EYES, HEADACHE, POSSIBLE PARALYSIS. LEAD MAY DAMAGE BLOOD-FORMING, NERVOUS, URINARY, REPRODUCTIVE SYSTEMS.

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

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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.



Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM. Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED FULL FACE PIE

CE, 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 ==============

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
METAL FUMES, DUST AND/OR VAPORS. Conditions to Avoid Polymerization:WILL NOT OCCUR.
======== Disposal Considerations ============
Waste Disposal Methods:DISPOSE OF HAZARDOUS WASTES IN ACCORDANCE WITH

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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