

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

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

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

224

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, INSOMNIA, 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.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN: WASH WITH SOAP AND WATER. INHALATION: MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF EXPERIENCING EFFECTS OF OVER EXPOSURE. INGESTION: GET IMMEDIATE MEDICAL ATTENTION.

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

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED FULL FACE PIECE, 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 SWEEPED. 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
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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America i

n no manner whatsoever,

expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this

document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.