

MULTICORE SOLDERS, INC. -- SOLDER, PN:SN50(SN50PB50)WRAP3 -- 3439-00-044-5006

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

Product ID:SOLDER, PN:SN50(SN50PB50)WRAP3

MSDS Date:03/11/1992

FSC:3439

NIIN:00-044-5006

MSDS Number: BTJBN

=== Responsible Party ===

Company Name:MULTICORE SOLDERS, INC.

Address:1751 JAY ELL DRIVE

City:RICHARDSON

State:TX

ZIP:75081

Country:US

Info Phone Num:214-238-1224

Emergency Phon

e Num:214-238-1224

Preparer's Name:ROBERT L. GILBERT

CAGE:0YP31

=== 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

Company Name:MULTICORE SOLDERS INC

Address:1751 JAY ELL DR

Box:City:RICHARDSON

State:TX

ZIP:75081

Country:US

Phone:214-238-1224

CAGE:0YP31

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

Ingred Name:LEAD (SARA III)

CAS:7439-92-1

RTECS #:OF7525

000

Fraction by Wt: 45-50%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE 1910.1025

ACGIH TLV:0.15 MG/M3;DUST 9394

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:TIN

CAS:7440-31-5

RTECS #:XP7320000

Fraction by Wt: 45-50%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 9394

Ingred Name:ROSIN

CAS:8050-09-7

Fraction by Wt: 2-3%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT GIVEN

Routes of Entry:

Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

Health Hazards Acute and Chronic:DUST, VAPOR &/OR FUMES MAY BE

IRRITATING TO SKIN, EYES, & RESP SYSTEM. CHRONIC:OVEREXPOSURE TO LEAD MAY RESULT IN DAMAGE TO BLOOD-FORMING, NERVOUS, URINARY & REPRODUCTIVE SYSTEM. CA PROPOSITION 65:WARN ING! PRODUCT CONTAINS A CHEMICAL KNOWN TO THE SATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

Explanation of Carcinogenicity:LEAD

LISTED BY IARC AS 2B.

Effects of Overexposure:ACUTE:WEAKNESS, VOMITING, LOSS OF APPETITE, CONVULSIONS, STUPOR & POSSIBLY COMA. CHRONIC:WEAKNESS, INSOMNIA, HYPERTENSION, SLIGHT IRRIT OF THE EYES, HEADACHE, POSSIBLE PARALYSIS.

Medical Cond Aggravated by Exposure:NOTE TO PHYSUICIANS:LEAD & ITS

INORGANIC COMPOUNDS ARE NEUROTOXINS WHICH MAY PRODUCE NEUROPATHY.

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

First Aid:EYE:FLUSH W/COPIOUS QUANTITIES OF WATER. GET

IMMED MED ATTN.

SKIN:WASH W/SOAP & WATER. INHAL:REMOVE FROM EXPOSURE. GET MED ATTN  
IF EXPERIENCING EFFECT OF OVEREXPOSURE. INGEST:GET IMMED MED ATTN.

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

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:USE FULL BODY PROTECTIVE CLOTHING & FULL FACE  
PIECE, SELF-CONTAINED BREATHING APPARATUS OPERATED IN A  
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,  
DUST &/OR VAPOR.

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

Spill Release Procedures:PARATAICULATE 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:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:WASH HANDS W/SOAP & WATER AFTER  
HANDLING SOLDER. STORE IN DRY AREA. AVOID SKIN CONTACT. AVOID  
BREATHING SMOKE DURING SOLDERING.

Other Precautions:NONE KNOWN.

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

Respiratory Protection:AS SPECIFIED BY 29 CFR 1910.1025 (F) IF EXPOSURE  
EXCEEDS PEL.

Ventilation:LOCAL EXHAUST:REMOVE SMOKE FROM BREATHING AREA. MECHANICAL  
(GEN):ADEQUATE. SPECIAL/OTHER:NONE NEEDED.

Protective Gloves:IMPERVIOUS  
Eye Protection:FACE SHIELD OR SAFETY GLASSES.

Other Protective Equipment:PERSONAL CLOTHING & SHOES SHOULD BE  
PROTECTED FROM CONTAMINATION. EYE WASH STATION.

Work Hygienic Practices:DO NOT EAT,DRINK OR SMOKE IN WORK AREAS. WASH  
HANDS THOROUGHLY BEFORE EATING OR SMOKING.

Supplemental Safety and Health

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:361F,183C

Spec Gravity:9

Solubility in Water:INSOLUBLE

App

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:HI TEMP MAY PRODUCE HEAVY METAL

FUMES,DUST &/OR VAPORS.ROSIN MAY DECOMPOSE DURING SOLDERING INTO  
FORMALDEHYDE,TURPENTINE

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

Waste Disposal Methods:DISPOSE OF HAZARDOU

S 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 in 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 profes  
sional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.