

WILLARD LEAD PRODUCTS CO.,INC. -- 50/50 SOLID SOLDER WIRE -- 3439-00-086-0203

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

Product ID:50/50 SOLID SOLDER WIRE

MSDS Date:01/01/1987

FSC:3439

NIIN:00-086-0203

MSDS Number: BCYFJ

=== Responsible Party ===

Company Name:WILLARD LEAD PRODUCTS CO.,INC.

Emergency Phone Num:(704)523-1230

CAGE:KO034

=== Contractor Identification ===

Company Name:WILLARD INDUSTRIES INC

A

Address:101 NEW BERN ST

Box:11815

City:CHARLOTTE

State:NC

ZIP:28220

Country:US

CAGE:22303

Company Name:WILLARD LEAD PRODUCTS CO.,INC.

CAGE:KO034

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

Ingred Name:TIN

CAS:7440-31-5

RTECS #:XP7320000

Fraction by Wt: 50%

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 9192

Ingred Name:LEAD (SARA III)

CAS:7439-92-1

RTECS #:OF7525000

Fraction by Wt: 50%

OSHA PEL:0.05 MG/M3;1910.1025

ACGIH TLV:0.15 MG/M3;DUST 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

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

Effects of Overexposure:NAUSEA,VOMIT.MIGHT OCCUR DURING
SOLDERING.METAL TASTE,LOSS OF WT,MUSC.PAIN&WEAKNESS.

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

First Aid:REMOVE TO FRESH AIR,THESE SYMPTOMS WHEN RELATED TO THE FLUX
ARE USUALLY TRANSIENT.IF SYMPTOMS PERSIST SEE A PHYSICIAN/EYE
CONTACT:FLUSH W/WTR.;EYE/SKIN:IF MOLTER,TREAT AS
BURN;INGEST:WTR,VOMIT.SEE DOCTOR.

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

Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE
Fire Fighting Procedures:IN VERY HIGH TEMP FIRE(2000F),SCBA MUST BE
USED.
Unusual Fire/Explosion Hazard:MODERATE FIRE/EXPLOSION HAZARD IN THE
FORM OF DUST WHEN EXPOSED TO FLAME.

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

Spill Release Procedures:PICK-UP AND REUSE FINE DUST SHOULD BE SWEEPED
GENTLY OR VACUUMED FOR PROPER DISPOSAL.DRIPPINGS FROM SOLDERING AND
WASTE SHOULD BE KEPT IN A STORAGE AREA FOR PROPER DISPOSAL.

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

Handling and Storage Precautions:STORE AWAY FROM ACIDS & OXIDIZING MATERIALS
STORE IN COOL,DRY, WELL VENTILATED, FIRE PROOF AREA. PROTECT CONTAINERS FROM PHYSICAL
DAMAGE.KEEP CONTAINERS CLOSED. REMOVE, WASH CONTAINER THOROUGHLY.
Other Precautions:A GOOD VENTILATION IS A MUST DURING SOLDERING PROCESS
TO KEEP THE TOXIC FUMES BELOW THE MAXIMUM ALLOWED.NO SMOKING/EATING
WHILE HANDLING MATERIAL.

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

Respiratory Protection:NIOSH APPROVED RESPIRATOR.IF TLV IS EXCEEDED.
Ventilation:LOCAL EXHAUST WHEN SOLDERING
Protective Gloves:HEAT PROTECTIVE
Eye Protection:SAFETY GLASSES
Other Protective Equipment:WEAR FULL PROTECTIVE CLOTHING.
Supplemental Safety and Health
UNDATED MSDS/

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

HCC:N1
Boiling Pt:B.P. Text:3140F,1727C
Spec Gravity:8.912
Solubility

lity in Water:NEGLIGIBLE

Appearance and Odor:SILVER-GRAY SOLID,NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

TIN:CHLORINE,TURPENTINE;LEAD:STRG OXID.,HYD.PEROS,SOD.POT.

Stability Condition to Avoid:NONE SPECIFIED

Hazardous Decomposition Products:NONE SPECIFIED

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

Waste Disposal Methods:DISPOSE OF IAW LOCAL,STATE & FED REGULATIONS.

Disclaimer (provided wi

th 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 professional advice to verify and assume responsibility for the suitability of this information to their particular situation.