

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 SYMPPTOMS PERSIST SEE A PHYSICIAN/EYE  
CONTACT:FLUSH W/WTR.;EYE/SKIN:IF MOLTER,TREAT AS  
BURN;INGEST:WTR,VOMIT.SEE DO CTOR.

===== 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 SWEEP  
GENTLY OR VACUUMED FOR PROPER DISPOSAL.DRI  
PPINGS FROM SOLDERING AND  
WASTE SHOULD BE KEPT IN A STORAGE AREA FOR PROPER DISPOSAL.

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

Handling and Storage Precautions:STORE AWAY FR ACIDS & OXID MATLS  
STORE IN COOL,DRY,WELL VENT,FIRE PROOF AREA. PROT CONTRS FR PHYS  
DAMAGE.KEEP CONTRS CLOSED. REM, WASH CONT CLTHG.  
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 MTL.

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

Respiratory Protection:NIOSH APPVD 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  
Solubi

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.

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th this information by the compiling agencies):

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