

View NSN Online: <https://aerobasegroup.de/nsn/3439-00-086-0203>

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.

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