

UNIWELD PRODUCTS, INC -- UNI-4300 -- 3439-00-400-1972

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

Product ID:UNI-4300
MSDS Date:08/01/1998
FSC:3439
NIIN:00-400-1972
Status Code:A
MSDS Number: CLNWN
=== Responsible Party ===
Company Name:UNIWELD PRODUCTS, INC
Address:2850 RAVENSWOOD RD
Box:8427
City:FORT LAUDERDALE
State:FL
ZIP:33310
Country:US
Info Phone Num:954-584-2000
Emergency Phone Num:954-584-2000
R
esp. Party Other MSDS Num.:23/398
Preparer's Name:NOT PROVIDED
CAGE:17941
=== Contractor Identification ===
Company Name:UNIWELD PRODUCTS, INC
Address:2850 RAVENSWOOD RD
Box:8427
City:FORT LAUDERDALE
State:FL
ZIP:33310
Country:US
Phone:954-584-2000
Contract Num:SP0414-01-Q-XS36
CAGE:17941

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

Ingred Name:CADMIUM (CD)
CAS:7440-43-9
RTECS #:EU9800000
= Wt:83.
Other REC Limits:NOT PROVIDED
OSHA PEL:SEE 1910.1027
ACGIH TLV:0.05 MG/M3

EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:ZINC (ZN)
CAS:7440-66-6
RTECS #:ZG8600000
= Wt:17.

Other REC Limits:NOT PROVIDED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NOT PROVIDED

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:EFFECTS OF ACUTE EXPOSURE: CADMIUM:
FU

ME PRODUCES METAL FUME FEVER WHICH MAY RESULT IN SEVERE
TRACHEOBRONCHITIS, PNEUMONITUS, PULMONARY EDEMA. ACUTE INHALATION
EXPOSURE TO CD MAY CAUSE PULMONARY EDEMA (THROAT DRYNESS COUGH,
HEADACHE, VOMITING, CHEST PAINS, CHILLS AND POSSIBLY DEATH).
CADMIUM IS TRANSPORTED VIA BLOOD AND STORED IN LIVER AND KIDNEYS.
CAN CAUSE KIDNEY DAMAGE. CHRONIC OVEREXPOSURE TO CADMIUM CAUSES AN
INCREASED INCIDENCE OF CANCER OF THE PROSTRATE IN MEN. ZINC:
EXCESSIVE INHALATION OF ZINC

OXIDE FUMES MAY PRODUCE SYMPTOMS KNOWN

AS ?ZINC SHAKES? WHICH ARE FLU-LIKE AND USUALLY CAUSE D WHEN
INDIVIDUAL IS REMOVED FROM SOURCE

Explanation of Carcinogenicity:CONTAINS CADMIUM.

Effects of Overexposure:FLU-LIKE SYMPTOMS (NAUSEA, CONSTIPATION,
HEADACHE, DIZZINESS)-SELF-LIMITING, USUALLY DISAPPEARS WITHIN 24
HOURS.

Medical Cond Aggravated by Exposure:NOT PROVIDED

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

First Aid:INGESTION: DRINK LARGE QUANTITIES

OF WATER-INDUCE VOMITING.

CALL A PHYSICIAN AT ONCE; ADVISE OF CHEMICAL COMPOSITION. WASH THOROUGHLY WITH WATER TO REMOVE ALL RESIDUE. SKIN: IF A RASH DEVELOPS, CALL A PHYSICIAN. INHALATION: TERMINATE EXPOSURE AND REMOVE TO FRESH AIR. CALL PHYSICIAN, ADVISE OF CHEMICAL COMPOSITION. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES TO REMOVE IRRITANT. CONSULT A PHYSICIAN .

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

Extinguishing Media:CO2 OR DRY CHEM

CIAL EXTINGUISHER. DO NOT USE WATER

ON MOLTEN METAL. LARGE FIRES MAY BE FLOODED WITH WATER FROM A DISTANCE.

Fire Fighting Procedures:USE NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING IF INVOLVED IN FIRE.

Unusual Fire/Explosion Hazard:FINELY DIVIDED DUST MAY FORM EXPLOSIVE MIXTURE WITH AIR. NEVER DROP WATER OR LIQUIDS INTO MOLTEN SOLDER. DO NOT PLUNGE DAMP OR WET SOLDER BARS/PIECES INTO MOLTEN SOLDER.

NOTE 1: ALLOYWS WHICH CONTAIN CADMIUM SHOULD NEVER BE HEATED TO EXTREMES BEYOND MELTING RANGE.

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

Spill Release Procedures:SOLDER IS SOLID/RECYCLABLE. VACUMMING IS

RECOMMENDED FOR ACCUMULATED METAL DUST FROM SAW/GRIND OPERATIONS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:DRY STORAGE; AMBIENT TEMPERATURE.

Other Precautions:WET MOIST INGOT(S) WILL PRESENT AN EXPLOSTION HAZARD

WHEN SUBMERGED IN MOLTEN SOLDER. AVOID FIRE RISKS: ALWAYS PREHEAT INGOT BEFORE CHARGING INTO FURNACE.

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

Respiratory Protection:USE NIOSH-APPROVED BREATHING APPARATUS TO PREVENT EXPOSURE TO DUST AND FUMES.

Ventilation:LOCAL EXHAUST: YES MECHANICAL YES SPECIAL: CONFORM WITH YOUR REGULATORY STATUTES.

Protective Gloves:ESPECIALLY FOR HIGH TEMPERATURE APPLICATIONS TO PREVENT BURNS.

Eye Protection:WEAR APPRO

VED SAFETY GLASSES OR WELDING GOGGLES,
APPROPRIATE TO YOUR PROCEDURE.

Other Protective Equipment:STANDARD PROTECTIVE EQUIPMENT USED IN
SOLDERING (APPLICABLE) OPERATIONS. CONFORM WITH ALL LOCAL, STATE,
FEDERAL REGULATIONS.

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K =
UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT
DETERMINED. N/E = NOT ESTABLISHED.

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

HCC:N1
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:NOT AVAILABLE
Melt/Freeze Pt:=265.C, 509.F
Decomp Temp:Decomp Text:NOT PROVIDED
Spec Gravity:NOT AVAILABLE
Solubility in Water:0 (SOLID)
Appearance and Odor:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS, STRONG ALKALIS
Stability Condition to Avoid:NONE
Hazardous Decomposition Products:NONE

===== Toxicological Information =====

Toxicological Information:NOT PROVIDED

===== Ecological Information =====

Ecological:NOT PROVIDED

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

Waste Disposal Methods:DISPOSE OF ACCORDING TO FEDERAL, STATE, LOCAL,
AND OSHA REGULATIONS.

===== MSDS Transport Information =====

Transport Information:DEPARTMENT OF TRANSPORTATION: PROPER SHIPPING
NAME:

SOLDER WIRE- NOT REGULATED HAZARD CLASS: NAIF ID & PACKING
GROUP NUMBER: NAIF ERG GUIDE NUMBER: NAIF

=====
===== Regulatory Information =====

SARA Title III Information: SARA TITLE III PROGRAM: CHEMICAL NAME CAS
NO. CONCENTRATION THIS PRODUCT CONTAINS THE FOLLOWING CADMIUM
7440-43-9 83 TOXIC CHEMICALS SUBJECT TO THE REPORTING
REQUIREMENTS OF EPCRA OF 1986 AND 40 CF R 372 *THIS INFORMATION
MUST BE INCLUDED IN ALL MSDS THAT ARE COPIED AND DIS
TRIBUTED FOR
THIS MATERIAL

Federal Regulatory Information: NOT PROVIDED
State Regulatory Information: NOT PROVIDED

=====
===== Other Information =====

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
e. 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.