

UNITED STATES WELDING CORP. -- TITANIUM WELD WIRE -- 3439-01-045-9145

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

Product ID:TITANIUM WELD WIRE

MSDS Date:01/06/1987

FSC:3439

NIIN:01-045-9145

MSDS Number: BSTYJ

=== Responsible Party ===

Company Name:UNITED STATES WELDING CORP.

Address:20700 DEARBORN STREET

City:CHATSWORTH

State:CA

ZIP:91311

Country:US

Info Phone Num:818-341-2021

Emergency Phone Num:818-341-2021

Preparer's Name:JORGE JACOBS

CAGE:3H796

=== Contractor Identification ===

Company Name:UNITED STATES WELDING CORP.

Address:20700 DEARBORN STREET

Box:City:CHATSWORTH

State:CA

ZIP:91311

Country:US

Phone:818-341-2021

CAGE:3H796

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

Ingred Name:TITANIUM, METAL

CAS:7440-32-6

RTECS #:XR1700000

Fraction by Wt: 99%

Other REC Limits:NONE RECOMMENDED

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

Routes of Entr

y: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHAL:FUMES MAY CAUSE  
IRITATION.CHRONIC EXPOSURE MAY CAUSE NEUROLOGICAL OR LUNG  
DAMAGE.SKIN:NO HAZARD LIKELY.EYES:NO HAZARD LIKELY.INGEST:NO HAZARD  
LIKELY.  
Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%  
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.  
Effects of Overexposure:INHAL:DIZZINESS,NAUSEA,DRYNESS OR IRRITATION OF  
T  
HE NOSE AND THROAT,WATERY EYES,DIFFICULT BREATHING,COUGHING,CHEST  
PAIN.  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING  
RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.EYES:FLUSH  
WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR  
ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING.GET  
PROMPT T Q  
UALIFIED MEDICAL ATTENTION.

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

Flash Point:NONE  
Extinguishing Media:DRY CHEMICAL.  
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE EQUIPMENT.  
Unusual Fire/Explosion Hazard:MOLTEN METAL MY EXPLODE ON CONTACT WITH  
WATER.

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

Spill Release Procedures:SWEEP UP.PLACE IN AN APPROPRIATE CONTAINER FOR  
DISPOSAL.  
Neutralizing  
Agent:NONE

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

Handling and Storage Precautions:NO SPECIAL REQUIREMENTS.  
Other Precautions:NONE

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

Respiratory Protection:USE A NIOSH APPROVED RESPIRATOR FOR METAL FUMES.  
Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL)  
VENTILATION TO MAINTAIN TLV/PEL.  
Protective Gloves:WELDING GLOVES  
Eye Protection:SAFETY GLASSES-WELDING HELMET  
Other Protecti

ve Equipment:USE APRON (PER ANSI Z49.1).HAVE EYE WASH  
STATION AVAILABLE.

Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS MATERIEL.

Supplemental Safety and Health

NONE

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

HCC:N1

Solubility in Water:INSOLUBLE

Appearance and Odor:WELDING ROD, 0.093 DIAMETER, 36 INCHES LONG.

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

Stability Indicator/Materials to Avoid:YES

RUST,METAL OXIDES(EG.OXIDE OF  
COPPER,IRON AND LEAD).

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:METAL FUMES.

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

Waste Disposal Methods:DISPOSE OF OR RECOVER IN ACCORDANCE WITH  
FEDERAL,STATE AND LOCAL 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.