

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

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Phone:818-341-2021

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===== 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  
THE 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  
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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 QUALIFIED MEDICAL ATTENTION.

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Fire Fighting Measures  
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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 MAY EXPLODE ON CONTACT WITH  
WATER.

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

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

=====  
Exposure Controls/Personal Protection  
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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 Protective

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.

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