

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.

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Box:City:CHATSWORTH

State:CA

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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 Ent

ry: 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 =====

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.

===== 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.

Neutralizin
g 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 Protect

ive 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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