

UNITED STATES WELDING CORP -- TURBALOY 625 -- 3439-01-137-8523

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

Product ID:TURBALOY 625

MSDS Date:09/17/1990

FSC:3439

NIIN:01-137-8523

MSDS Number: BWLGL

=== Responsible Party ===

Company Name:UNITED STATES WELDING CORP

Address:20700 DEARBORN ST

City:CHATSWORTH

State:CA

ZIP:91311-5912

Country:US

Info Phone Num:818-341-2021

Emergency Phone Num:818-341-2021

Prepare

r's Name:JORGE JACOBS

CAGE:58401

=== Contractor Identification ===

Company Name:UNITED STATES WELDING CORP

Address:3579 HWY 50 E SUITE 104

Box:City:CARSON CITY

State:NV

ZIP:89701-2807

Country:US

Phone:775-883-7878

CAGE:58401

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

Ingred Name:NICKEL (SARA III)

CAS:7440-02-0

RTECS #:QR5950000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9394

Ingred Name:CHROMIUM (SARA III)

CAS:7440-47-3

RTECS #:GB4200000

Fraction by Wt: 21.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:0.5 MG/M3; 9394
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:MOLYBDENUM
CAS:7439-98-7
RTECS #:QA4680000
Fraction by Wt: 9%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 PPM.
ACGIH TLV:10 PPM.

Ingred Name:NIOBIUM (ALSO CALLED COLUMBIUM)
CAS:7440-03-1
Other REC Limits:NONE RECOMMENDED

Ingred Name:TANTALUM
CAS:7440-25-7
RTECS #:WW5505000
Fraction by Wt: 3.7%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3; DUST; 9394

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:ACUTE:CAN RESULT IN SAME SYMPTOMS AS
SHORT TERM OVEREXPO(DISCOMFORT,IRRIT OF NOSE/THROAT)EXCEPT TO
GREATER DEGREE AS WELL AS WATERY EYES,HEAD,BREATH DIFFICULTY,FREQ
COUGHING &/OR CHEST PAINS.SOME TOXI C GASES MAY CAUSE PULM
EDEMA,ASPHYXIATIO
N,EXCESSIVE EXPO CAN BE FATAL.CHRONIC:NEUROLOGICAL
DAMAGE,LUNGFIBROSIS,(SUPPLEM)

Explanation of Carcinogenicity:PER MSDS:OSHA-CR; NTP-CR,NI; IARC-CR,NI.
Effects of Overexposure:SHORT TERM OVEREXPO:DISCOMFORT SUCH AS DIZZ,
NAUSEA, DRYNESS OR IRRIT OF NOSE/THROAT. WATERY EYES, HEADACHE,
BREATHING DIFFICULTY, FREQUENT COUGHING &/OR CHEST PAINS. PULM
EDEMA, ASPHYXIATION, EXCESSI VE EXPO CAN BE FATAL. NEUROLOGICAL
DAMAGE, LUNG FIBROSIS, PNEUMOCONSIS & OTHER LUNG DISEASES.

Medical

Cond Aggravated by Exposure: PERSONS WITH IMPAIRED PULMONARY FUNCTION, AIRWAY DISEASES AND CONDITIONS SUCH AS ASTHMA, EMPYSEMA, CHRONIC BRONCHITIS, ETC.

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

First Aid: EYE: IMMEDIATELY WASH WITH LARGE AMOUNTS OF WATER OPENING EYELIDS. SEEK MEDICAL ATTENTION IF NECESSARY. SKIN: IRRITATION DEVELOPS REMOVE CLOTHING IMMEDIATELY. WASH SKIN WITH SOAP/MILD DETERGENT FOR 5 MINUTES. IRRITATION PERSISTS SEEK MEDICAL ATTENTION. INHALATION: REMOVE FROM EXPOSURE. CALL FOR MEDICAL ATTENTION. GIVE OXYGEN IF RESPIRATORY

DIFFICULT TO BREATHE BEGIN ARTIFICIAL RESPIRATION. IF PULSE NOT DETECTED BEGIN EXTENDED HEART MASSAGE. INGESTION: SEEK MEDICAL ATTENTION IF NECESSARY.

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

Extinguishing Media: DRY CHEMICAL.

Fire Fighting Procedures: SOLID FORM IS NOT COMBUSTIBLE UNDER NORMAL CONDITIONS. USE FIRE FIGHTING METHODS THAT ARE APPROPRIATE FOR THE SURROUNDING FIRE.

Unusual Fire/Explosion Hazard: MOLTEN METAL ALLOYS MAY EXPLODE ON CONTACT WITH WATER. THEY MAY ALSO REACT VIOLENTLY WITH WATER, RUST & CERTAIN METAL OXIDES (E.G. OXIDES OF COPPER, IRON, & LEAD).

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

Spill Release Procedures: IN SOLID FORM THIS MATERIAL POSES NO SPECIAL CLEAN-UP PROBLEMS.

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

Handling and Storage Precautions: NONE SPECIFIED BY MFG.

Other Precautions: NONE SPECIFIED BY MFG.

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

Respiratory Protection:

USE NIOSH APPROVED RESPIRATOR.

Ventilation: LOCAL EXHAUST VENTILATION SHOULD BE USED TO CONTROL EXPOSURE TO AIRBORNE FUMES WHENEVER POSSIBLE.

Protective Gloves: FLAMEPROOF WELDING GLOVES.

Eye Protection: SAFETY GLASSES UNDER WELDING HELMET.

Other Protective Equipment: USE APRON FOR WELDING, SEE ANSI STANDARD Z49.1-SAFETY IN WELDING & CUTTING.

Work Hygienic Practices: PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT.

Supplemental Safety and Health

HEALTH HAZARD: PNEUMOCYSTIS, OTHER LUNG DISEASES

ISEASES.

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

HCC:N1

Solubility in Water:INSOLUBLE

Appearance and Odor:ODORLESS FILLER METAL

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

Stability Indicator/Materials to Avoid:YES

NONE.

Stability Condition to Avoid:NONE.

Hazardous Decomposition Products:METAL FUMES.

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

Waste Disposal Methods:PRIOR TO DISPOSAL CONSIDER IF MATERIAL HAS

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RECOVERY VALUE. DISCARD ANY PRODUCT IN ACCEPTABLE MANNER. DISPOSE OF ALL WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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