

UNITED STATES WELDING CORP. -- TURBALOY 718 -- 3439-01-127-6944

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Product Identification
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Product ID:TURBALOY 718

MSDS Date:01/06/1987

FSC:3439

NIIN:01-127-6944

MSDS Number: BNDVC

=== Responsible Party ===

Company Name:UNITED STATES WELDING CORP.

Address:20700 DEARBORN ST.

City:CHATSWORTH

State:CA

ZIP:91311-5912

Country:US

Info Phone Num:213-341-2021

Preparer's Name:JORGE JACOBS

CAGE:5840

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=== 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

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Composition/Information on Ingredients
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Ingred Name:NICKEL (SARA III)

CAS:7440-02-0

RTECS #:QR5950000

Other REC Limits:NONE SPECIFIED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9192

Ingred Name:CHROMIUM (SARA III)

CAS:7440-47-3

RTECS #:GB4200000

Fraction by Wt: 19%

Other REC Lim

its:NONE SPECIFIED
OSHA PEL:1 MG/M3
ACGIH TLV:0.5 MG/M3; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:MOLYBDENUM
CAS:7439-98-7
RTECS #:QA4680000
Fraction by Wt: 3%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3; 9293

Ingred Name:TITANIUM, METAL
CAS:7440-32-6
RTECS #:XR1700000
Fraction by Wt: 0.9%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15.0 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:NIOBIUM
CAS:7440-03-1
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3
ACGIH TLV:5
MG/M3

Ingred Name:TANTALUM
CAS:7440-25-7
RTECS #:WW5505000
Fraction by Wt: 5.1%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3; DUST; 9192

Ingred Name:ALUMINUM (SARA III)
CAS:7429-90-5
RTECS #:BD0330000
Fraction by Wt: 0.5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15MG/M3 DUST/5 FUME
ACGIH TLV:10MG/M3 DUST; 9192

Ingred Name:IRON
CAS:7439-89-6
RTECS #:NO4565500
Fraction by Wt: 18%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3
ACGIH TLV:10 MG/M3 AS FE2O3

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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:MAY RESULT IN DISCOMFORT SUCH AS
DIZZINESS, NAUSEA OR DRYNESS OR IRRITATION OF NOSE AND THROAT. MAY
CAUSE WATERY EYES, HEADACHE, BREATHING DIFFICULTY, FREQUENT
COUGHING AND/OR CHEST PAINS. SOME TOXIC GASES MAY CAUSE PULMONARY
EDEMA, ASPHYXIATION AND EXCESSIVE EXPOSURE CAN BE FATAL

Explanation of Carcinogenicity:CHROMIUM AND NICKEL ARE LISTED AS
SUSPECTED CANCER AGENTS.

Effects of Overexposure:DIZZINESS, NAUSEA, OR DRYNESS OR IRRITATION OF
NOSE, THROAT, OR EYES. OVEREXPOSURE MAY LEAD TO NEUROLOGICAL
DAMAGE, LUNG FIBROSIS, PNEUMOCOSIS AND OTHER LUNG DISEASES.

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

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First Aid Measures
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First Aid:EYES: WASH WITH LARGE AMOUNTS OF WATER OCCASIONALLY LIFTING
LOWER AND UPPER EYE LIDS. SEEK MEDICAL ATTENTION. SKIN: REMOVE
CLOTHING IMMEDIATELY AND WASH AREA OF SKIN WITH SOAP OR MILD
DETERGENT. SEEK MEDICAL ATTENTION. INHALATION: REMOVE FROM
EXPOSURE AREA AND CALL FOR MEDICAL ATTENTION. INGESTION: SEEK
MEDICAL ATTENTION.

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Fire Fighting Measures
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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
AND CERTAIN METAL OXIDES.

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Accidental Release Measures
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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 STATED BY THE MANUFACTURER.

Other Precautions:TO ACTUALLY DETERMINE THE COMPOSITION AND QUANTITY OF FUMES & GASES TO WHICH WORKERS ARE EXPOSED IS TO TAKE AN AIR SAMPLE FROM THE WORKER'S BREATHING ZONE.

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

Respiratory Protection:USE NIOSH APPROVED RESPIRATORS.

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 REFERENCE: ANSI STD Z49.1, SAFETY IN WELDING AND CUTTING.

Work Hygienic Practices:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT.

Supplemental Safety and Health

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

HCC:N1

Appearance and Odor:ODORLESS FILLER METAL

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

Stability Indicator/Materials to Avoid:YES

NONE DESCRIBED BY THE MANUFACTURER.

Stability Condition to Avoid:NONE DESCRIBED BY THE MANUFACTURER.

Hazardous Decomposition Products:METAL FUMES

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

Waste Disposal Methods:CONSULT YOUR LOCAL ENVIRONMENTAL OFFICER. PRIOR TO DISPOSAL CONSIDER IF MATERIAL HAS RECOVERY VALUE. DISPOSE OF DISPOSABLE CONTAINER, OR LINER IN AN ENVIRO

NMENTALLY ACCEPTABLE

MANNER, IN FULL COMPLIAN CE WITH THE REGULATIONS.

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