

UNITED STATES WELDING INC -- HASTELLOY W -- 3439-00-166-9584

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

Product ID:HASTELLOY W

MSDS Date:01/06/1987

FSC:3439

NIIN:00-166-9584

MSDS Number: BMBSV

=== Responsible Party ===

Company Name:UNITED STATES WELDING INC

Address:1221 S CLARKSON ST

City:DENVER

State:CO

ZIP:80210

Country:US

Info Phone Num:303-777-2475/818-341-2021

Emergency Phone Num:303-777-2475/818-341-2021

Preparer's Name:JORGE JACOBS

CAGE:0EE28

=== Contractor Identification ===

Company Name:UNITED STATES WELDING INC

Address:1221 S CLARKSON ST

Box:City:DENVER

State:CO

ZIP:80210

Country:US

Phone:303-777-2475/818-341-2021

CAGE:0EE28

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

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 #:G

B4200000
Fraction by Wt: 5%
Other REC Limits: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: 24.5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3; 9293

Ingred Name:IRON
CAS:7439-89-6
RTECS #:NO4565500
Fraction by Wt: 5.5%
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YE
S Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE-FUMES CAN CAUSE NOSE, THROAT IRRITATION, DIZZINESS, WATERY EYES, HEADACHE, NAUSEA, BREATHING DIFFICULTY, FREQUENT COUGHING, CHEST PAINS. SOME TOXIC GASES MAY CAUSE PULMONARY EDEMA, ASPHYXIATION AND EXCESS IVE EXPOSURE CAN BE FATAL. CHRONIC-MAY RESULT IN NEUROLOGICAL DAMAGE, LUNG FIBROSIS, PNEUMOCONIOSIS & OTHER LUNG DISEASES.
Explanation of Carcinogenicity:CONTAINS CHROMIUM AND NICKEL, PER MSDS.
Effects of Overexposure:CAN CAUSE NOSE AND THROAT IRRITATION, DIZZINESS, WATERY EYES, HEADACHE, NAUSEA, BREATHING DIFFICULTY, FREQUENT COUGHING, CHEST PAINS. SOME TOXIC GASES MAY CAUSE PULMONARY EDEMA, ASPHYXIATION AND EXCESS IVE EXPOSURE CAN BE FATAL.
Medical Cond Aggravated by Exposure:PERSONS WITH IMPAIRED PULMONARY FUNCTION, AIRWAY DISEASES AND CONDITIONS SUCH AS ASTHMA, EMPHYSEMA, CHRONIC BRONCHITIS, ETC... CAN BE AGGRAVATED BY THE EXPOSURE.

Physical Properties =====

HCC:N1

Solubility in Water:INSOLUBLE

Appearance and Odor:FILLER METAL - ODORLESS

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS

Stability Condition to Avoid:FLAMES

Hazardous Decomposition Products:METAL FUMES.

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

Waste Disposal Methods:PRIOR TO DISPOSAL, CONSIDER IF MATERIAL HAS

RECOVERY VALUE. DISPOSE OF IN A

CONCORDANCE WITH ALL LOCAL, STATE AND

FEDERAL REGULATIONS. PREVENT WASTE FROM CONTAMINATING ENVIRONMENT.

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.