View NSN Online: https://aerobasegroup.com/nsn/3439-00-995-6750

TECHALLOY MARYLAND INC, REID-AVERY DIV. -- TECHALLOY AWS 309/316L/347

3439-00-995-6750

Product ID:TECHALLOY AWS 309/316L/347

MSDS Date:09/01/1989

FSC:3439

NIIN:00-995-6750

MSDS Number: BGCHL === Responsible Party ===

Company Name: TECHALLOY MARYLAND INC, REID-AVERY DIV.

Address:2310 CHESAPEAKE AVE.

City:BALTIMORE

State:MD

ZIP:21222-4012

Country:US Info Phone N

um:301-633-9300, 800-638-1458

Emergency Phone Num:301-633-9300, 800-638-1458

CAGE:59711

=== Contractor Identification ===

Company Name: TECHALLOY COMPANY, INC.

Address:2310 CHESAPEAKE AVENUE

Box:City:BALTIMORE

State:MD ZIP:21222 Country:US

Phone:410-633-9300; 800-638-1458

CAGE:59711

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

Ingred Name:IRON CAS:7439-89-6

RTECS #:NO4565500 Fraction by Wt: 45-80% Other REC Limits:5 MG/M3

Ingred Name: CHROMIUM (SARA III)

CAS:7440-47-3

RT

ECS #:GB4200000 Fraction by Wt: 11-32%

Other REC Limits: NONE SPECIFIED BY M.

OSHA PEL:1 MG/M3

ACGIH TLV:0.5 MG/M3; 9192

EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

Ingred Name: NICKEL (SARA III)

CAS:7440-02-0

RTECS #:QR5950000 Fraction by Wt: 4-37%

Other REC Limits: NONE SPECIFIED BY M.

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9192

Ingred Name: MANGANESE (SARA III)

CAS:7439-96-5

RTECS #:OO9275000 Fraction by Wt: 0.5-2.5%

Other REC Limits: NONE SPECIFIED BY M.

OSHA PEL:(C) 5 MG/M3 DUST ACGIH TLV:5 MG/M3 DUST 9293

Ingred Name:SILICON

CAS:7440-21-3

RTECS #:VW0400000 Fraction by Wt: 0.1-1.0%

Other REC Limits:3 MG/M3 AS SIO2

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name: MOLYBDENUM

CAS:7439-98-7

RTECS #:QA4680000 Fraction by Wt: 0-4%

Other REC Limits: NONE SPECIFIED BY M.

OSHA PEL:15 MG/M3 TDUST ACGIH TLV:10 MG/M3; 9293

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:

YES OSHA:NO
Health Hazards Acute and Chronic:SHORT TERM EXPOSURE TO WELDING FUMES,
GASES OR DUST MAY RESULT IN DISCOMFORT SUCH AS DIZZINESS, NAUSEA,
FEVER, DRYNESS AND/OR IRRITATION OF NOSE, THROAT AND EYES. SKIN
SENSITIVITY MAY ALSO BE NOTED. A CUTE EXPOSURE FROM SOME TOXIC
GASES MAYCAUSE PULMONARY EDEMA, ASPHYXIATION AND EXCESSIVE EXPOSURE
CAN BE FATAL.
Explanation of Carcinogenicity:NICKEL & CHROMIUM ARE LISTED AS
CARCINOGENIC.
Effects of Overexposure:COUGHING, DIFFI
CULTY IN BREATHING, DIZZINESS,
NAUSEA.
Medical Cond Aggravated by Exposure:PULMONARY DISEASES.

First Aid:INHALATION:REMOVE TO FRESH AIR, PROVIDE CPR/OXYGEN IF NEEDED. EYE CONTACT:FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL HELP. SKIN CONTACT:COOL BURNS WITH ICE WATER,WASH METAL POWDER WITH SOAP AND WATE R. GET MED ATTENTION BURNS. INGESTION:DRINK 1-2 GLASSES OF WATER. GET MEDICAL HELP IMMEDIATELY.

======== Fire Fighting Measures =============
Extinguishing Media:USE PROPER MEDIA FOR SURROUNDING FIRE. Fire Fighting Procedures:NEED TO WEAR PROTECTIVE EQUIPMENT. Unusual Fire/Explosion Hazard:WELDING ARC & SPARKS CAN IGNITE COMBUSTIBLES.
======== Accidental Release Measures ==========
Spill Release Procedures:WEAR DUST MASK FOR DUSTY CONDITIONS. PICK UP OR SCOOP UP RODS FOR REUSE OR DISPOSAL.
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Handling and Storage Precautions:STORE AT A DRY PLACE.
====== Exposure Controls/Personal Protection ========

Respiratory Protection: USE AIR SUPPLIED RESPIRATOR OR SCBA WHEN WELDING IN A CONFINED SPACE OR WHERE LOCAL EXHAUST OR VENTILATION DOES NOT KEEP EXPOSURE BELOW TLV.

Ventilation: USE ADEQUATE GENERAL VENTILATION & LOCAL EXHAUST AT THE ARC.

Protective Gloves: WELDER'S GLOVES

Eye Protection: HELMET/FACE SHIELD WITH FILTER LENS.

Other Protective Equipm

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ent:WEAR PROTECTIVE CLOTHING. Work Hygienic Practices: WEAR PROTECTIVE GLSSES FOR ARC RAYS. WASH HANDS BEFORE EATING OF DRINKING. Supplemental Safety and Health FUMES, GASES, ARC RAYS AND ELECTRIC SHOCK CAN BE DANGEROUS TO YOUR HEALTH, FOR MORE INFO SEE ASZ 49.1-1983. ======== Physical/Chemical Properties =========== HCC:N1 Solubility in Water: INSOLUBLE Appearance and Odor:SOLID WIRE OR ROD. Percent Volatiles by Volume:0 ======== Stability and Reactivity Da ta ======== Stability Indicator/Materials to Avoid:YES NONE Stability Condition to Avoid: NONE STATED Hazardous Decomposition Products: OXIDES OF IRON, CHROMIUM, NICKLE, MANGANESE, SILICON AND MOLYBDENUM. ======= Disposal Considerations ============

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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