

ALCOTEC WIRE CO SUB OF ALCOA WELD WIRE INC. -- WELDING WIRE 5356 -- 3439-00-063-5200

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

Product ID:WELDING WIRE 5356

MSDS Date:05/22/1989

FSC:3439

NIIN:00-063-5200

MSDS Number: BRQBB

=== Responsible Party ===

Company Name:ALCOTEC WIRE CO SUB OF ALCOA WELD WIRE INC.

Address:2750 AERO PARK DR.

Box:1320

City:TRAVERSE CITY

State:MI

ZIP:49685

Country:US

Info Phone Num:61

6-941-4111 / 616-941-9154

Emergency Phone Num:616-941-4111 / 616-941-9154

Preparer's Name:STEPHEN L. ANDERSON

CAGE:7Z608

=== Contractor Identification ===

Company Name:ALCOTEC WIRE CO SUB OF ALCOA WELD WIRE INC.

Address:2750 AERO PARK DR.

Box:1320

City:TRAVERSE CITY

State:MI

ZIP:49686

Country:US

Phone:412-553-4649; 616-941-4111

CAGE:7Z608

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

Ingred Name:ALUMINUM (SARA III)

CAS:7429-90-5

RTECS #:BD0330000

Fraction by Wt: BALANCE

Other REC Limits:5 MG/M3 WELDING FUME
OSHA PEL:15MG/M3 DUST/5 FUME
ACGIH TLV:10MG/M3 DUST; 9293

Ingred Name:MAGNESIUM
CAS:7439-95-4
RTECS #:OM2100000
Fraction by Wt: 4.5-5.5%
Other REC Limits:5 MG/M3 WELDING FUME

Ingred Name:CHROMIUM (SARA III)
CAS:7440-47-3
RTECS #:GB4200000
Fraction by Wt: .05-.20%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:0.5 MG/M3; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

Routes of En

try: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:MUCOUS MEMBRANE IRRITATION, PULMONARY
CHANGES, EYE IRRITATION, RESPIRATORY TRACT IRRITATION, SKIN
IRRITATION.

Explanation of Carcinogenicity:HEXAVALENT CHROMIUM COMPOUNDS MAY BE
GENERATED DURING WELDING. THESE COMPOUNDS ARE LISTED BY NTP AND
IARC.

Effects of Overexposure:MUCOUS MEMBRANE IRRITATION, CONGESTION, EDEMA,
EYE IRRITATION, SKIN IRRITAT
ION, FLASH BURNS TO EYES AND SKIN.

Medical Cond Aggravated by Exposure:PRE-EXISTING REAPIRATORY CONDITIONS
MAY BE AGGRAVATED BY EXPOSURE TO WELDING FUMES.

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

First Aid:INHALATION: IF IRRITATION OR PULMONARY SYMPTOMS DEVELOP,
CONSULT A PHYSICIAN. SKIN AND EYES: IF IRRITATION DEVELOPS, CONSULT
A PHYSICIAN.

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

Flash Point:NONFLAMMABLE
Lower Limits:NONFL

AMMABLE

Upper Limits:NONFLAMMABLE

Extinguishing Media:NONFLAMMABLE. USE MEDIA SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures:NONFLAMMABLE. USE PROCEDURES SUITABLE FOR SURROUNDING FIRE.

Unusual Fire/Explosion Hazard:TOXIC/IRRITATING FUMES AND GASES MAY BE RELEASED DURING COMBUSTION.

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

Spill Release Procedures:COLLECT SCRAP FOR REMELTING.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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== Handling and Storage =====

Handling and Storage Precautions:USE WITH ADEQUATE VENTILATION TO MEET EXPOSURE LIMITS.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:WHERE EXPOSURE LIMIT IS OR MAY BE EXCEEDED, USE NIOSH APPROVED RESPIRATORY PROTECTION. SELECT APPROPRIATE RESPIRATOR BASED ON CONCENTRATIONS OF ACTUAL OR POTENTIAL AIRBORNE CONTAMINANTS PRESENT.

Ventilati

on:USE ADEQUATE GENERAL AND LOCAL EXHAUST VENTILATION TO MEET EXPOSURE LIMITS.

Protective Gloves:WELDER'S GLOVES WHEN WELDING

Eye Protection:SEE OSHA 29CFR 1910.252

Other Protective Equipment:WELDER'S HELMET, FACESHIELD, FILTER LENS, ETC.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

PRIMARY HAZARDS OF PRODUCT OCCURS WHEN USED IN WELDING. PRACTICALLY NONHAZARDUS AS SHIPPED AND STORED.

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

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:970F,521C

Vapor Pres:NOT GIVEN

Vapor Density:NIL

Spec Gravity:NOT GIVEN

Viscosity:NOT GIVEN

Evaporation Rate & Reference:NIL

Solubility in Water:NONE

Appearance and Odor:SILVERY SOLID, NO ODOR

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MAN

UFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CHROMIUM FUMES, OZONE, MAGNESIUM FUMES

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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