

ALCOTEC WIRE CO SUB OF ALCOA WELD WIRE INC. -- ALUMINUM WELDING WIRE AWS 4043 --
3439-00-268-9654

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

Product ID:ALUMINUM WELDING WIRE AWS 4043
MSDS Date:01/01/1987
FSC:3439
NIIN:00-268-9654
MSDS Number: BPMDW
=== 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
C
Country:US
Info Phone Num:616-941-4111
Emergency Phone Num:616-941-4111
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
Company Name:ROBINSON TECHNICAL PRODUCTS CORP
Address:115 RIVER RD
Box:City:EDGEWATER
State:NJ
ZIP:07020
Country:US
CAGE:5W208

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

Ingred Name:ALUMINUM (SARA III)
CAS:7429-90-5
RTECS #:BD0330000
Fraction by Wt: 92.3%
Other REC Limits:5 MG/M3 FUMES
OSHA PEL:15MG/M3 DUST/5 FUME
ACGIH TLV:10MG/M3 DUST; 9192

Ingred Name:SILICON
CAS:7440-21-3
RTECS #:VW0400000
Fraction by Wt: 4.5-6.0%
Other REC Limits:5.0 MG/M3 RESP DUST
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

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

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

Reports of Carcinogenicity:NT

P:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ALUMINUM IS WELDED IN A PROTECTIVE ATMOSPHERE SUCH AS ARGON OR HELIUM IN USING THE MIG OR TIG PROCESS. ARCS FROM THE PROCESS CREATE WILDING FUMES AS WILL AS AN INTENSE ULTREAUVIOLET RADIATION WHICH PRO DUCES OZONE. CONTROLLING THE TOTAL FUMETO 5 MG.M3 WILL PROTECT AGAINST OVEREXPOSURE TO MOST ALLOY CONSTITUENTS.

Explanation of Carcinogenicity:THE PRODUCT CONTAINS NO INGREDIENT THAT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EXPOSURE TO OZONE CAN RESULT IN MUCOUS MEMBRANE IRRITATION, AS WELL AS PULMONARY IRRITATION, CONGESTION, AND EDEMA. PULMONARY EFFECTS CAN BE DELAYED IN ONSET. EXPOSURE TO WELDING FUMES CAN CAUSE IRRIT ATION IF THE EYES AND RESPIARATORY SYSTEM. UV RADIATION FROM THE ARC CAN CAUSE IRRITATION AND BURNS TO EYES AND SKIN.

Medical Cond Aggravated by Exposure:SUPPLIER DID NOT ADDRESS THIS FIELD.

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===== First Aid Measures =

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First Aid:INHALATION:IF PULMONARY SYMPTOMS DEVELOP FROM INHALATION,
CONSULT A PHYSICIAN AT ONCE. IF NECESSARY, GIVE ARTIFICIAL
RESPIRATION. EYES & SKIN:IF IRRITATION OR FLASH BURNS DEVELOPMENT
SUBSEQUENT TO EXPOSURE, CONSULT A PHYSICIAN.

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Fire Fighting Measures

Extinguishing Media:PRODUCT IS NON FLAMMABLE
Fire Fighting Procedures:SUPPLIER DID NOT ADDRESS THIS FIELD.
Unusual Fire/Explosion Hazard:NOT AN EXPLOSION HAZARD.

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Accidental Release Measures

Spill Release Procedures:WASTE WHICH CANNOT BE REUSED MAY BE DISPOSED
IN A SANITARY LANDFILL.
Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY MFR.

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Handling and Storage

Handling and Storage Precautions:NO INFORMATION GIVEN BY MFR ON THE
MSDS.
Other Precautions:NONE

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Exposure Controls/Personal Protection

Respiratory Protection:WHERE EXPOSURE LIMIT IS OR MAY BE EXCEEDED, USE
NIOSH APPROVED RESPIRATORY PROTECTION. THE SELECTION OF APPROPRIATE
RESPIRATOR SHOULD BE BASED ON THE ACTUAL OR POTENTIAL AIRBORNE
CONTAMINANTS AND THEIR CONCENTRATION.
Ventilation:USE WITH ADEQUATE VENTILATION TO MEET THE EXPOSURE LIMITS.
Protective Gloves:HMIS:FLAMEPROOF GAUNTLET GLOVES
Eye Protection:HMIS:WELDERS HELMET W/ANSI LENS
Other Protective Equipment:WELDERS SHOULD USE APPROPRIATE EQUIPMENT TO
PREVENT EYE IRRITATION AND
FLASH BURNS. PROTECT SKIN FROM LIGHT
FROM THE ARC
Work Hygienic Practices:REFER TO OSHA 29CFR1910.252 AND ANSI Z49.1 FOR
WELDING SAFETY PRECAUTIONS.
Supplemental Safety and Health
NONE

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Physical/Chemical Properties

HCC:N1
NRC/State Lic Num:NONE
Melt/Freeze Pt:M.P/F.P Text:970F,521C
Spec Gravity:SOLID
Solubility in Water:NEGLIGIBLE
Appearance and Odor:SOLID, SILVER, NO ODOR

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Stability and Reactivity Data

Stab

ility Indicator/Materials to Avoid:YES

PRODUCT IS STABLE W/O SERIOUS INCOMPATIBILITIES.

Stability Condition to Avoid:SUPPLIER DID NOT ADDRESS THIS FIELD.

Hazardous Decomposition Products:SUPPLIER DID NOT ADDRESS THIS FIELD.

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

Waste Disposal Methods:DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS. MANUFACTURER SUGGESTS THAT DISPOSAL MAY BE DONE IN A SANITARY LANDFILL.

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