

LONE STAR WIRE INC. -- ALUMINUM ALLOYS -- 3439-00-803-9498

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Product Identification  
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Product ID:ALUMINUM ALLOYS

MSDS Date:08/01/1990

FSC:3439

NIIN:00-803-9498

MSDS Number: BNKQW

=== Responsible Party ===

Company Name:LONE STAR WIRE INC.

Address:4824 CASH RD

City:DALLAS

State:TX

ZIP:75247-6306

Country:US

Info Phone Num:214-630-7976

Emergency Phone Num:214-630-7976

CAGE:62450

=== Contracto

r Identification ===

Company Name:LONE STAR WIRE INC.

Address:4824 CASH RD

Box:City:DALLAS

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ZIP:75247-6306

Country:US

Phone:214-630-7976

CAGE:62450

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

CAS:7440-48-4

RTECS #:GF8750000

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.1 MG/M3;AS CO

ACGIH TLV:0.05 MG/M3;DUST 9293

Ingred Name:COPPER (SARA III)

CAS:7440-50-8

RTECS #:GL5325000

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.1MG/M3 FUME/1 D

UST  
ACGIH TLV:0.2MG/M3 FUME; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:IRON OXIDE  
CAS:1309-37-1  
RTECS #:NO7400000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:10 MG/M3 (FE)  
ACGIH TLV:5 MG/M3(FE),B2; 9293

Ingred Name:MAGNESIUM OXIDE  
CAS:1309-48-4  
RTECS #:OM3850000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15 MG/M3 PARTICULATE  
ACGIH TLV:10 MG/M3;TDUST; 9293

Ingred Name:MANGANESE (SARA III)  
CAS:7439-96-5  
RTECS #:OO9275000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:(C) 5 MG/M3 DUST  
ACG  
IH TLV:5 MG/M3 DUST 9293

Ingred Name:SILICON  
CAS:7440-21-3  
RTECS #:VW0400000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:TIN  
CAS:7440-31-5  
RTECS #:XP7320000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9192

Ingred Name:ZINC OXIDE  
CAS:1314-13-2  
RTECS #:ZH4810000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15MG/M3 TDUST/5 FUME  
ACGIH TLV:10MG/M3 TDUST; 9293

Ingred Name:ALUMINUM (SARA III)  
CAS:7429-90-5  
RTECS #:BD0330000

Fraction by Wt: 80-99.7%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15MG/M3 DUST/5 FUME  
ACGIH TLV:10MG/M3 DUST; 9192

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION- NOT LIKELY UNLESS MATERIAL  
MACHINED, WELDED OR REMELTED. SHORT TERM OVEREXPOSURE TO WELDING  
FUMES MAY RESULT IN DISCOMFORT SUCH AS IRRITATION OF THROAT  
AND  
NOSE. EYES- MAY IRRITATE WHEN WELDING OR PLASMA CUTTING.  
Effects of Overexposure:WELDING FUMES MAY RESULT IN DISCOMFORT SUCH AS  
DIZZINESS, NAUSEA, OR DRYNESS OF THE THROAT AND NOSE.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:SKIN- REMOVE PARTICLES BY THOROUGHLY WASHING WITH SOAP AND  
WATER. EYES- FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL  
ATTENTION IF IRRITATION PERSISTS.

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Fire Fighting Measures  
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Flash Point:NON-FLAMMABLE  
Extinguishing Media:DRY POWDER OR SAND.  
Fire Fighting Procedures:DO NOT USE WATER OR HALON ON DUST FIRES.  
Unusual Fire/Explosion Hazard:DAMP ALUMINUM DUST MAY SPONTANEOUSLY HEAT  
WITH LIBERATION OF HYDROGEN TO FORM EXPLOSIVE AIR MIXTURES.

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Handling and Storage  
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Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.  
Other Precautions:NONE

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Exposure Controls/Personal Protection  
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Respiratory Protection:THE NATURE OF THE PROCESSING ACTIVITY WILL  
DETERMINE WHAT FORMS OF EQUIPMENT IS NECESSARY.  
Ventilation:USE WITH APPROPRIATE VENTILATION.  
Protective Gloves:PROTECTIVE GLOVES SUGGESTED.  
Eye Protection:SAFETY GOGGLES APPROPRIATE FOR WELDING.  
Other Protective Equipment:PROTECTIVE CLOTHING AS APPROPRIATE.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
NONE

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:440F,227C

Spec Gravity:2.7

Solubility in Water:INSOLUBLE

Appearance and Odor:METALLIC APPEARANCE, NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

ANHYDROUS BROMINE.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:MAY LIBERATE HYDROGEN.

===== Disposal Consi

derations =====

Waste Disposal Methods:USED OR UNUSED PRODUCT SHOULD BE TESTED TO DETERMINE HAZARD STATUS AND DISPOSAL REQUIREMENTS UNDER FEDERAL, STATE, OR LOCAL LAWS AND REGULATIONS.

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