

MIDSTATES WIRE -- GAS METAL ARC WELDING WIRE(SOLID) ER 70S-2 -- 3439-00-900-8737

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Product Identification  
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Product ID:GAS METAL ARC WELDING WIRE(SOLID) ER 70S-2

MSDS Date:01/01/1992

FSC:3439

NIIN:00-900-8737

MSDS Number: BSFQN

=== Responsible Party ===

Company Name:MIDSTATES WIRE

Address:510 S OAK ST

City:CRAWFORDSVILLE

State:IN

ZIP:47933

Country:US

Info Phone Num:317-362-2200

Emergency

Phone Num:317-362-2200

CAGE:85011

=== Contractor Identification ===

Company Name:INWELD MFG CORP

Address:3962 PORTLAND ST

Box:40

City:COPLAY

State:PA

ZIP:18037-0040

Country:US

Phone:610-261-1900

CAGE:66376

Company Name:MIDSTATES WIRE

Address:510 S OAK ST

Box:City:CRAWFORDSVILLE

State:IN

ZIP:47933

Country:US

Phone:317-362-2200

CAGE:85011

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Composition/Information on Ingredients  
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Ingred Name:MAGNETITE/IRON OXIDE

CAS:1309-38-2

Other REC Limits:NONE RECOMMENDED

OSHA PEL:

10 MG/M3 (MFR)  
ACGIH TLV:5 MG/M3 (MFR)

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

Ingred Name:SILICA GEL/SILICONE OXIDE  
CAS:112945-52-5  
RTECS #:VV7310000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 (MFR)  
ACGIH TLV:3 MG/M3 (MFR)

Ingred Name:COPPER (SARA III)  
CAS:7440-50-8  
RTECS #:GL5325000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.1MG/M3 FUME/1 DUST  
ACGIH TLV:0.2MG/M3 FUME; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:MOLYBDENUM  
CAS:7439-98-7  
RTECS #:QA4680000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG/M3 TDUST  
ACGIH TLV:10 MG/M3; 9293

==== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-MAY CAUSE IRRITATION OF EYES,  
LUNGS, NOSE & TH

ROAT. SOME TOXIC GASES MAY CAUSE PULMONARY EDEMA, ASPHYXIATION & DEATH. MAY CAUSE METAL FUME FEVER, METALLIC TASTE, DRYNESS/IRRITATION OF THROAT, WATERY EYES, IRRITATION OF SKIN. CHRONIC-MAY ACCUMULATE IN THE LUNGS WHICH MAY BE SEEN AS DENSE AREAS ON CHEST X-RAYS.

Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:MAY CAUSE EYE, LUNGS, NOSE & THROAT IRRITATION. SOME TOXIC GASES ASSOCIATED WITH WELDING MAY CAUSE PULMONARY EDEMA, ASPHYXI

ATION & DEATH. COPPER OXIDE FUMES MAY CAUSE METAL FUME FEVER, METALLIC TASTE, DRYNESS/IRRITATION OF THROAT, WATERY EYES & IRRITATION OF SKIN.ARC RAYS CAN INJURE EYE & BURN SKIN.ELECTRIC SHOCK KILLS

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:GET MEDICAL CARE IF SYMPTOMS PERSIST. EYES: FLUSH WITH WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. INHAL

ED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. FOR ELECTRIC SHOCK, DISCONNECT & TURN OFF THE POWER. FOR ARC BURN APPLY COLD, CLEAN COMPRESSES. CALL A DOCTOR.

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

Flash Point:NONE

Extinguishing Media:THIS ALLOY IS NONFLAMMABLE. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:HOT SLAG, SPARKS AND ARC RADIATION ACT AS A SOURCE

OF IGNITION AND BURNS. NOTE THAT WHEN USED FOR WELDING, SPARKS COULD IGNITE COMBUSTIBLES IN THE IMMED. AREA.

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

Spill Release Procedures:REMOVE FOR DISPOSAL. AVOID GENERATING DUST.

===== Handling and Storage =====

Handling and Storage Precautions:WEAR HEAD HELMET OR FACE SHIELD WITH FILTER LENS SHIELD SHADE #12 OR DARKER. USE SCREENS AROUND WELDING AREA TO PROTECT OTHERS FROM ARC R

ADIATION

Other Precautions:PROTECTIVE CLOTHING FOR HEAD, HANDS AND BODY SHOULD BE WORN TO HELP PREVENT INJURY FROM ELECTRICAL SHOCK AND RADIATION AND SPARKS FROM HOT METAL.

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Exposure Controls/Personal Protection  
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Respiratory Protection:USE NIOSH-APPROVED RESPIRABLE FUME RESPIRATOR OR AIR SUPPLIED RESPIRATOR WHEN WELDING, BRAZING OR SOLDERING IN CONFINED SPACE OR WHERE LOCAL EXHAUST OR VENTILATION DOES NOT KEEP EXPOSURE BELOW PEL, TL V OR STEL.

Ventilation:LOCAL EXHAUST AT THE ARC (OR FLAME), OR BOTH, TO KEEP THE FUMES AND GASES BELOW PEL'S, TLV'S OR STEL'S IN BREATHING ZONE

Protective Gloves:WELDER'S GLOVE

Eye Protection:PROTECTIVE FACE SHIELD

Other Protective Equipment:EYE WASH STATION, APRONS, HATS, ARM & SHOULDER PROTECTION, AS WELL AS DARK SUBSTANTIAL CLOTHING.

Work Hygienic Practices:WASH HANDS AND FACE WITH SOAP AND WATER AFTER HANDLING THIS MATERIAL.

Supplemental Safety and Health  
NONE

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Physical/Chemical Properties  
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HCC:N1

Appearance and Odor:SOLID STEEL WIRE, COPPER COATED

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Stability and Reactivity Data  
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NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:METAL OXIDES, CARBON MONOXIDE, CARBON DIOXIDE & DECOMPOSITION PRODUCTS ORIGINATING FROM FUMES AND GAS CREATED BY WELDING

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Disposal Considerations  
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Waste D

Disposal Methods:USE STANDARD GOOD HOUSEKEEPING PROCEDURES FOR  
DISPOSAL OF FLAMMABLE WIRE CARTONS AND HARDBOARD SPOOLS. DISCARDED  
STEEL WIRE CAN BE DISPOSED OF WITH NORMAL SCRAPPED STEEL.

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