

INWELD MFG CORP -- AZ92A MAGNESIUM WELDING ROD -- 3439-01-050-0973

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Product Identification
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Product ID:AZ92A MAGNESIUM WELDING ROD

MSDS Date:08/06/2000

FSC:3439

NIIN:01-050-0973

Status Code:A

MSDS Number: CLNGX

=== Responsible Party ===

Company Name:INWELD MFG CORP

Address:3962 PORTLAND ST

Box:40

City:COPLAY

State:PA

ZIP:18037-0040

Country:US

Info Phone Num:610-261-1900

Emergency Phone

Num:610-261-1900

Preparer's Name:NOT PROVIDED

CAGE:66376

=== Contractor Identification ===

Company Name:BLACK AND CO

Address:5351 W MINNESOTA ST

Box:UNKNOW

City:INDIANAPOLIS

State:IN

ZIP:46241

Country:US

Phone:317-243-8676

Contract Num:SP0490-00-D-4063

CAGE:00WU8

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

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Composition/Information on Ingredients
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Ingred Name:ALUMINUM

CAS:74

29-90-5
RTECS #:BD0330000
= Wt:9.
Other REC Limits:NOT PROVIDED
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:ZINC
CAS:7440-66-6
RTECS #:ZG8600000
= Wt:2.
Other REC Limits:NOT PROVIDED
OSHA PEL:NOT PROVIDED
ACGIH TLV:NOT AVAILABLE
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:MANGANESE
CAS:7439-96-5
RTECS #:OO9275000
= Wt:.15
Other REC Limits:NOT PROVIDED
OSHA PEL:C5 MG/M3
ACGIH TLV:5 MG/M3

Ingred Name:MAGNESIUM
CAS:7439-95-4
RTECS #:OM2100000
Fraction by Wt: BALANCE
Other REC Limi
ts:NOT PROVIDED
OSHA PEL:NOT AVAILABLE
ACGIH TLV:NOT AVAILABLE

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

LD50 LC50 Mixture:NOT PROVIDED
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE-MECHANICAL. SKIN
CONTACT-MECHANICAL. SKIN ABSORPTION-UNLIKELY. INGESTION-UNLIKELY.
INGESTION OF LARGE AMOUNTS OF DUST COULD CAUSE SERIOUS INJURY, EVEN
DEATH, BECAUSE ACUTE ORAL

TOXICITY OF MAGNESIUM IS MODERATE.

INHALATION-DUST IRRITATION TO RESPIRATORY TRACT. SYSTEMS & OTHER EFFECTS-EXPOSURES INCIDENTAL TO INDUSTRIAL HANDLING ARE NOT ANTICIPATED TO CAUSE ADVERSE EFFECTS. REPEATED EXCESSIVE EXPOSURE TO FUMES OR DUST OF A NUMBER OF METALS, INCLUDING ALUMINUM, MAY CAUSE CENTRAL NERVOUS SYSTEM AND DEVELOPMENTAL EFFECTS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION-DUST IRRITATION TO RESPIRATORY TRACT.

Medical Cond Aggra

vated by Exposure:NOT PROVIDED

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

First Aid:EYES: IRRIGATE IMMEDIATELY WITH WATER FOR AT LEAST 5 MINUTES. SKIN: WASH OFF DUST IN FLOWING WATER OR SHOWER. INGESTION: INDUCE VOMITING IF LARGE AMOUNTS OF DUST ARE INGESTED. CONSULT PHYSICIAN. INHALATION: MOVE TO FRESH AIR IF DUST INHALATION. CALL PHYSICIAN. NOTE TO PHYSICIAN: NO SPECIFIC ANTIDOTE FOR DUST INHALATION.

===== Fire Fighting Measures =
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Flash Point:NONE

Extinguishing Media:SMOTHER BURING MAGNESIUM BY COVERING WITH AN EXTINGUISHING POWDER APPROVED FOR USE ON MAGNESIUM FIRES SUCH AS MET-K-X, ETC. CONSULT NATIONAL FIRE PROTECTION ASSOC.

Fire Fighting Procedures:FIRE FIGHTING EQUIPMENT SHOULD INCLUDE WEARING POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:WHEN HEATED IN AIR TO TEMP NEAR ITS MELTING POINT, MAGNESIUM ALLOYS IGNITE AND BURN WITH WHITE FLAME.

WATER ON BURNING MG. WILL PRODUCE HYDROGEN GAS AND MAY CAUSE EXPLOSION.

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

Spill Release Procedures:CLEAN OFF AND USE.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:NOT PROVIDED

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

Respiratory Protection:IN DUSTY ATMOSPHERES, USE AN APPROVED DUST RESPIRATOR.

Ventilati

on:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT FOR MOST CONDITIONS. LOCAL EXHAUST VENTILATION MAY BE NECESSARY FOR SOME OPERATIONS.

Protective Gloves:AS APPROPRIATE

Eye Protection:USE SAFETY GLASSES IF DUST EXPOSURE CAUSES EYE DISCOMFORT, USE CHEMICAL GOGGLES

Other Protective Equipment:FOR MAXIMUM SAFETY, BE CERTIFIED FOR AND WEAR A RESPIRATOR AT ALL TIMES WHEN WELDING OR BRAZING. WEAR CLEAN, LONG-SLEEVED, BODY-COVERING CLOTHING.

Work Hygienic Practices:NOT PROVIDED

Supplem

ental Safety and Health

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED.

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:NOT DETERMINED

Melt/Freeze Pt:=-443.3C, 830.F

M.P/F.P Text:APPROXIMATELY

Decomp Temp:Decomp Text:NOT PROVIDED

Spec Gravity:1.52

Appearance and Odor:SILVER SOLID. NO ODOR.

Corrosion

Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES

ACID, WATER. REACTS WITH ACID TO FORM HYDROGEN GAS. IN FINELY DIVIDED FORM. WILL REACT WITH WATER OR ACIDS TO RELEASE HYDROGEN.

Stability Condition to Avoid:NOT PROVIDED

Hazardous Decomposition Products:NONE UNDER NORMAL USE OR STORAGE.

===== Toxicological Information =====

Toxicological Information:NOT PROVIDED

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== Ecological Information =====

Ecological:NOT PROVIDED

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

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

===== MSDS Transport Information =====

Transport Information:NOT PROVIDED

===== Regulatory Information =====

SARA Title III Information:SEC 313: ALUMINUM, ZINC, MANGANESE

Federal Regulatory Information:NOT PROVIDED

State Regulatory Information:NOT PROVIDED

===== Other Information =====

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