

UNITED WIRE AND SUPPLY CORP -- 4043 (WELDING ROD) -- 3439-00-803-9496

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

Product ID:4043 (WELDING ROD)

MSDS Date:01/01/1987

FSC:3439

NIIN:00-803-9496

MSDS Number: BMSXN

=== Responsible Party ===

Company Name:UNITED WIRE AND SUPPLY CORP

City:CRANSTON

State:RI

ZIP:02920

Country:US

Info Phone Num:OUT OF BUSINESS

Emergency Phone Num:401-NO LISTING

Preparer's Name:DGSC-

SSH

CAGE:79045

=== Contractor Identification ===

Company Name:UNITED WIRE AND SUPPLY CORP

Box:City:CRANSTON

State:RI

ZIP:02920

Country:US

Phone:401-NO LISTING

CAGE:79045

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

Ingred Name:ALUMINUM (SARA III)

CAS:7429-90-5

RTECS #:BD0330000

Fraction by Wt: 93.5%

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: 05.0%

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/

M3 TDUST; 9293

Ingred Name:IRON  
CAS:7439-89-6  
RTECS #:NO4565500  
Fraction by Wt: 00.8%  
OSHA PEL:10MG/CUM(OXIDE FUMS)  
ACGIH TLV:5MG/CUM(OXIDE FUMES)

Ingred Name:COPPER (SARA III)  
CAS:7440-50-8  
RTECS #:GL5325000  
Fraction by Wt: 00.3%  
OSHA PEL:0.1MG/M3 FUME/1 DUST  
ACGIH TLV:0.2MG/M3 FUME; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:TITANIUM  
CAS:7440-32-6  
RTECS #:XR1700000  
Fraction by Wt: 00.2%  
OSHA PEL:10MG/CUM(TOTAL DUST)  
ACGIH TLV:5MG/CUM(RESPIR DUST)

Ingred Name:ZINC (SARA III)  
C  
AS:7440-66-6  
RTECS #:ZG8600000  
Fraction by Wt: 00.1%  
OSHA PEL:10 MG ZNO/M3  
ACGIH TLV:10 MG ZNO/M3; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:MANGANESE (SARA III)  
CAS:7439-96-5  
RTECS #:OO9275000  
Fraction by Wt: 0.05%  
OSHA PEL:(C) 5 MG/M3 DUST  
ACGIH TLV:5 MG/M3 DUST 9293

Ingred Name:MAGNESIUM  
CAS:7439-95-4  
RTECS #:OM2100000  
Fraction by Wt: 0.05%

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

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

f Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:METALLIC TASTE, NAUSEA, TIGHTNESS OF CHEST, FEVER, DIZZINESS, DRYNESS, IRRITATION OF EYES, NOSE, AND THROAT. CHRONIC: BRONCHIAL ASTHMA, LUNG FIBROSIS, PNEUMOCONIOSIS.

Effects of Overexposure:METALLIC TASTE, NAUSEA TIGHTNESS OF CHEST, FEVER, DIZZINESS. EYE, NOSE, AND THROAT DRYNESS AND IRRITATION.

Medical Cond Aggravated by Exposure:PREEXISTING RESPIRATORY OR ALLERGIC CONDITIONS.

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

First Aid:REMOVE FROM EXPOSURE AND OBTAIN PROMPT MEDICAL ATTENTION. IF UNCONSCIOUS, GIVE OXYGEN. IF NOT BREATHING GIVE CPR. EMPLOY FIRST AID TECHNIQUES RECOMMENDED BY AMERICAN RED CROSS.

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

Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND FULL FACE-PIECE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:WELDING ARC AND SPARKS CAN IGNITE COMBUSTIBLE PRODUCTS.

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

Spill Release Procedures:CLEAN UP ANY GRINDING DUST OR WASTE RESIDUE AND PLACE IN SUITABLE DOT APPROVED DISPOSAL CONTAINER.

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

Handling and Storage Precautions:NO SPECIAL PRECAUTIONS IN HANDLING OR STORAGE.

Other Precautions:TRAIN WELDER TO KEEP HIS HEAD OUT OF THE FUMES,

MONITOR AIR TO ENSURE ACCEPTABLE EXPOSURES. AVOID ELECTRICAL SHOCK BY MAINTAINING DRY WORK AREA.

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

Respiratory Protection:NIOSH APPROVED FUME RESPIRATOR OR AIR SUPPLIED RESPIRATOR IN CONFINED SPACES.

Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.

Protective Gloves:WELDER'S GLOVES

Eye Protection:FACE SHIELD W/FILTER LENS

Other Protective Equipment:WORK CLOTHING, ARM PROTECTORS, APRON, HAT,

SHOULDER PROTECTION.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

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

HCC:N1

Appearance and Odor:3/64 IN DIA,1 POUND SPOOL

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

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:FUMES OF METALS AND METAL OXIDES, CO,  
NO2, O3

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

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

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