View NSN Online: https://aerobasegroup.com/nsn/3439-00-262-4175

INWELD MFG CORP -- ER 4047(718), INWELD ALUMINUM WIRES -- 3439-00-262-4175

Product ID:ER 4047(718), INWELD ALUMINUM WIRES

MSDS Date:09/01/1999

FSC:3439

NIIN:00-262-4175 Status Code:A

MSDS Number: CLMPH === Responsible Party ===

Company Name: INWELD MFG CORP

Address:3962 PROTLAND ST

Box:40

City:COPLAY

State:PA

ZIP:18037-0040

Country:US

Info Phone Num:610-261-1900

Emergency Phone Num:610-261-1900

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

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

Ingred Name: ALUMINUM

CAS:7429-90-5

RTECS

#:BD0330000 Minumum % Wt:85. Maxumum % Wt:99.5 OSHA PEL:15 MG/M3 ACGIH TLV:10 MG/M3

Ingred Name:BERYLLIUM

CAS:7740-41-7

RTECS #:DS1750000 Fraction by Wt: 0.008% OSHA PEL:SEE TABLE Z-2 ACGIH TLV:0.002 MG/M3 FUME ACGIH STEL:0.002 MG/M3

EPA Rpt Qty:10 LBS DOT Rpt Qty:10 LBS

Ingred Name:CHROMIUM

CAS:7440-47-3

RTECS #:GB4200000

= Wt:.35

OSHA PEL:1 MG/M3 ACGIH TLV:0.5 MG/M3 EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

Ingred Name: COPPER

CAS:7440-50-8

RTECS #:GL5325000

= Wt:6.8

OSHA PEL:1 MG/M3

ACGIH TLV:0.2

MG/M3

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name:IRON CAS:7439-89-6

RTECS #:NO4565500

= Wt:.8

ACGIH TLV:5 MG/M3 OXIDE FUME

Ingred Name:MAGNESIUM

CAS:7439-95-4

RTECS #:OM2100000

= Wt:5.5

ACGIH TLV:10 MG/M3 OXIDE FUM

Ingred Name: MANGANESE

CAS:7439-96-5

RTECS #:OO9275000

= Wt:1.

OSHA PEL:C5 MG/M3 ACGIH TLV:1MG/M3

Ingred Name:SILICON

CAS:7440-21-3

RTECS #: VW0400000

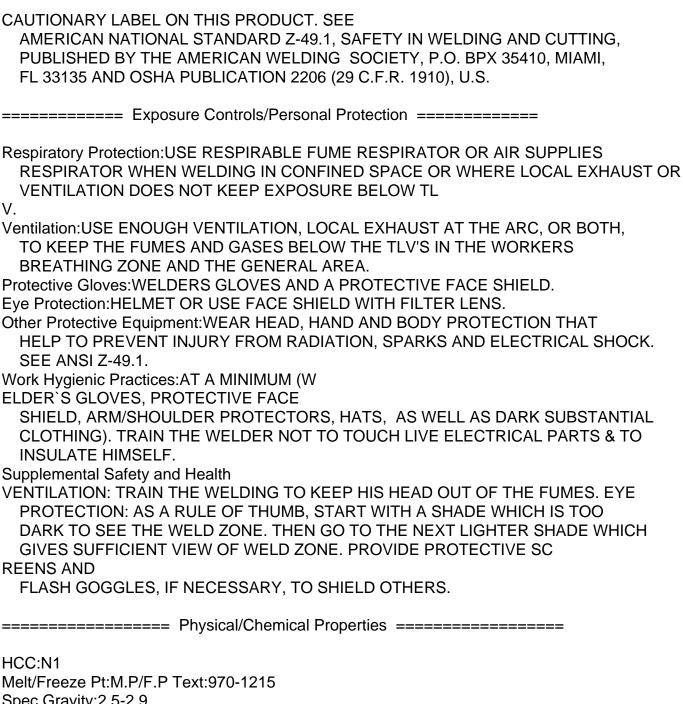
= Wt:13.

OSHA PEL:15 MG/M3

5 MG/M3 ACGIH TLV:5 MG/M3 OXIDE FUME Ingred Name:COBALT CAS:7440-48-4 RTECS #:GF8750000 OSHA PEL:0.1 MG/M3 ACGIH TLV:0.05 MG/M3 ============== Hazards Identification ======================= Health Hazards Acute and Chronic:SHORT TERM (ACUTE) OVEREXPOSURE TO WELDING FUMES MAY RESULT IN DISCOMFORT SUCH AS DIZZINESS, NAUSEA. AND DRYNESS OR IRRITATION OF THE NOSE, THROAT, OR EYES. LONG TERM (CHRONIC) OVEREXPOSURE TO WELDING FUMES MAY LEAD TO SIDEROSIS (IRON DEPOSITS IN THE LUNG) AND IS BELIEVED BY SOME INVESTIGATORS TO AFFECT PULMONARY FUNCTION. ARC RAYS CAN INJURE EYES AND BURN SKIN. ELECTRIC SHOCK CAN KILL. Effects of Overexposure: DIZZINESS, NAUSEA, AND DRYNESS OR IRRITATION OF THE NOSE, THROAT, OR EYES. Medical Cond Aggravated by Exposure: AGGRAVATION OF PREEXISTING RESPIRATORY OR ALLERGIC CONDITIONS MAY OCCUR IN SOME WORKERS. First Aid:CALL FOR MEDICAL AID. EMPLOY FIRST AID TECHNIQUES RECOMMENDED BY THE AMERICAN RED CROSS. FOR SKIN CONTACT, REMOVE PARTICLES BY THOROUGHLY WASHING WITH SOAP AND WATER. FOR EYE CONTACT, FLUSH WITH WATER FOR AT LEST 15 MINUTES, GET MEDICAL ATTENTION. FOR INHALATION, REMOVE FROM EXPOSURE, GET MEDICAL ATTENTION IF EXPERIENCING BREATHING DIFFICULTY. Fire Fighting Procedures: REFER TO AMERICAN NATIONAL STANDARD Z-49.1 FOR FIRE PREVENTING DURING TH E USE OF WELDING PROCEDURES. Unusual Fire/Explosion Hazard: THESE PRODUCTS AS SHIPPED ARE NONHAZARDOUS, NONFLAMMABLE, NONEXPLOSIVE, AND NONREACTIVE. WELDING ARC AND SPARKS CAN IGNITE COMBUSTIBLES AND FLAMMABLES.

Spill Release Procedures: NOT APPLICABLE.

Handling and Storage Precautions:READ AND UNDERSTAND THE MANUFACTURES'S INSTRUCTIONS AND THE PRE

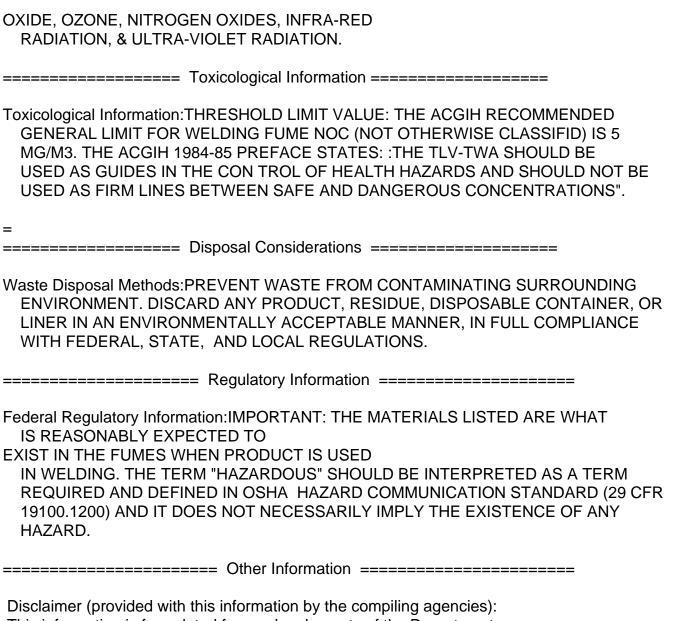


Melt/Freeze Pt:M.P/F.P Text:970-1215 Spec Gravity:2.5-2.9 Solubility in Water:NIL

Appearance and Odor: SOLID, METALLIC COLOR, NO ODOR.

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

Hazardous Decomposition Products: REASONABLY EXPETED FUMES/GASES WOULD INCLUDE METAL FUMES, OXIDES OF ALUMINUM & MAGNESIUM, CARBON MONOXIDE, CARBON DI



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