

RICKARD METALS INC -- FILLER METALS AND WELDING RODS,JB (10,14,38 -- 3439-01-009-2855

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

Product ID:FILLER METALS AND WELDING RODS,JB (10,14,38

MSDS Date:01/01/1987

FSC:3439

NIIN:01-009-2855

MSDS Number: BPVFW

=== Responsible Party ===

Company Name:RICKARD METALS INC

Address:1707 S GROVE AVE

City:ONTARIO

State:CA

ZIP:91761

Country:US

Info Phone Num:714-947-4922/FAX

-4909

Emergency Phone Num:714-947-4922

CAGE:67604

=== Contractor Identification ===

Company Name:J B ALLOY CO INC

Address:330 S 66TH ST

Box:230070

City:HOUSTON

State:TX

ZIP:77011

Country:US

Phone:713-926-3232

CAGE:4M698

Company Name:RICKARD METALS INC

Address:1707 S GROVE AVE

Box:City:ONTARIO

State:CA

ZIP:91761

Country:US

Phone:714-947-4922

CAGE:67604

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

Ingred Name:NICKEL (SARA III)

CAS:7440-02-0

RTECS #:QR5950000

Other REC Li

imits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9293

Ingred Name:BORON
CAS:7440-42-8
RTECS #:ED7350000
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:10 MG/M3 (MFR)

Ingred Name:IRON
CAS:7439-89-6
RTECS #:NO4565500
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 (MFR)
ACGIH TLV:10 MG/M3 (MFR)

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

Ingred Name:CHROMIUM (SARA III)
CAS:7440-47-3
RTECS
#:GB4200000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:0.5 MG/M3; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE-FUMES & GASE

S CAN BE DANGEROUS
TO YOUR HEALTH.ARC RAYS CAN INJURE EYES & BURN SKIN.ELECTRIC SHOCK
CAN KILL.INHALATION OF FUMES MAY CAUSE
DIZZINESS,NAUSEA,DRYNESS/IRRITATION OF NOSE,THROAT/EYES,TIGHTNESS
IN CHEST,FEVER & ALLERGIC REACTIONS.MAY LEAD TO SIDEROSIS & AFFECT
PULMONARY FUNCTION.CHRONIC-CAN CAUSE CANCER.

Explanation of Carcinogenicity:CONTAINS NICKEL AND CHROMIUM.

Effects of Overexposure:FUMES & GASES CAN BE DANGEROUS TO YOUR HEALTH.

ARC RAYS CAN INJURE EYES & BURN SKIN. EL
ECTRIC SHOCK CAN KILL.

INHALATION OF FUMES MAY CAUSE DIZZINESS, NAUSEA, DRYNESS/IRRITATION
OF NOSE, THROAT/EYES, TIGHTNESS IN CHEST, FEVER & ALLERGIC
REACTIONS. MAY LEAD TO SIDEROSIS & AFFECT PULMONARY FUNCTION.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE
MORE SUSCEPTIBLE TO THIS MATERIAL.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:WASH WITH
SOAP & WATER. EYE:FLUS
H WITH WATER FOR 15 MINUTES, HOLDING EYELIDS
OPEN. INHALED:REMOVE TO FRESH AIR. PROVIDE OXYGEN/CPR IF NEEDED.
ORAL:GET PROMPT MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL
FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED
CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARA
TUS WITH FULL

FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:WELDING ARC AND SPARKS CAN IGNITE
COMBUSTIBLES AND FLAMMABLES.

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

Handling and Storage Precautions:STORAGE- STORE IN DRY PLACE.

Other Precautions:AN ADEQUATE EXHAUST SYSTEM IS REQUIRED TO AVOID THE
EFFECT OF FUMES. DO NOT INHALE FUMES OR DUST. WASH THOROUGHLY AFTER
HANDLING.

===== Exposure Controls/Personal Prot

ection =====

Respiratory Protection:USE NIOSH APPROVED SUPPLIED AIR RESPIRATORY PROTECTION OR RESPIRABLE FUME RESPIRATOR WHEN WELDING, BRAZING OR SOLDERING IN CONFINED SPACE OR WHERE LOCAL EXHAUST OR VENTILATION DOES NOT KEEP EXPOSURE BELOW TLV.

Ventilation:LOCAL EXHAUST

Protective Gloves:WELDER'S GLOVES

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

THE MSDS WAS UNDATED. THE MANUFACTURER STATED THAT THE ORIGINAL MSDS WAS WITHOUT DATE AND THEY ARE NOT MAKING PRODUCT SINCE 1987.

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

HCC:N1

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

Stability Indicator/Materials to Avoid:YES
NONE

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:CARBON MONOXIDE
, CARBON DIOXIDE,
OZONE, NITROGEN OXIDES MAY BE FORMED.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT RESIDUE, DISPOSABLE CONTAINER OR LINER IN AN ENVIRONMENTALLY ACCEPTABLE MANNER, IN FULL COMPLIANCE WITH FEDERAL, STATE & LOCAL REGULATIONS.

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