



RNICR-C-1 WELDING ROD

MSDS Number

BBDZM

National Stock Number

3439-00D001190

Product Name

RNICR-C-1 WELDING ROD

Manufacturer

NATIONAL WELDING ALLOYS INC

Product Identification

Product ID:RNICR-C-1 WELDING ROD
MSDS Date:01/01/1987
FSC:3439
NIIN:00D001190
MSDS Number: BBDZM

Responsible Party

NATIONAL WELDING ALLOYS,INC.
Emergency Phone: (412)781-4255
Cage: 0ACE2

Contractor

NATIONAL WELDING ALLOYS INC
PITTSBURGH, PA 15215-2624
US
412-781-4255
Cage: 0ACE2

Ingredients

NICKEL (SARA III)
CAS: 7440-02-0
RTECS: QR5950000
Fraction By Weight: 71.3%
OSHA PEL1 MG/M3
ACGIH TLV: 1 MG/M3; 9192

CHROMIUM (SARA III)
CAS: 7440-47-3
RTECS: GB4200000
Fraction By Weight: 15.0%
OSHA PEL1 MG/M3
ACGIH TLV: 0.5 MG/M3; 9192
EPA Report Quantity: 1 LB
DOT Report Quantity: 1 LB

IRON,CAS#7439-89-6,3.5-5.5%



CAS: 7439-89-6
RTECS: NO4565500
Fraction By Weight: 4.5%
ACGIH TLV: 5MG/CUM

SILICON
CAS: 7440-21-3
RTECS: VW0400000
Fraction By Weight: 4.5%
OSHA PEL15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3 TDUST; 9293

BORON,CAS#7440-42-8,2.5-4.5%
CAS: 7440-42-8
RTECS: ED7350000
Fraction By Weight: 3.5%

Hazards

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

First Aid

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

Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE
Unusual Fire/Explosion Hazard:WELDING ARC AND SPARKS CAN IGNITE COMBUSTIBLE PRODUCTS.

Accidental Release

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

Handling

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

Respiratory Protection:FUME RESP.OR AIR SUPPLIED RESP.IN CONFINED SPACES.
Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.
Protective Gloves:WELDER'S GLOVES
Eye Protection:FACE SHLD W/FILTER LENS.
Other Protective Equipment:SUBST.DK.CLOTH,ARM PROTECTOR,APRON,HAT,SHOULDER PROTECTION.
Supplemental Safety and Health
MSDS UNDATED/OTHER INGRED:COBALT 1.0% MAX,CARCINOGENIC IN EXPERIMENTAL ANIMALS;CARBON,0.5-1.0%/

Chemical Properties

HCC:N1
Appearance and Odor:WELDING ROD

Stability



Stability Indicator/Materials to Avoid: YES
Hazardous Decomposition Products: FUMES OF METALS AND METAL
OXIDES, CO, NO*2, O*3.

Disposal

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

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