

SUPER MISSILEWELD

MSDS Number

BQZJH

National Stock Number

3439-00F027316

Product Name

SUPER MISSILEWELD

Manufacturer

THERMACOTE WELCO

Product Identification

Product ID: SUPER MISSILEWELD

MSDS Date: 11/21/1995

FSC: 3439

NIIN: 00F027316

MSDS Number: BQZJH

Responsible Party

THERMACOTE WELCO

HWY 161 S YORK RD

KINGS MOUNTAIN , NC 28086-5000

US

Emergency Phone: 704-739-6421

Info Phone: 704-739-6421

Cage: 0AES5

Contractor

THERMACOTE WELCO CO

KINGS MOUNTAIN, NC 28086

US

Cage: 0AES5

Ingredients

NICKEL (SUSPECTED ANIMAL/HUMAN CARCINOGEN BY IARC GROUP 2B,

CAS: 7440-02-0

RTECS: QR5950000

Fraction By Weight: 1-10%

OSHA PEL1 MG/CUM

ACGIH TLV: 0.05 MG/CUM IC

CRYSTALLINE-FUSED SILICA, SILICON DIOXIDE, AMORPHOUS QUARTZ

CAS: 60676-86-0

RTECS: VV7328000

Fraction By Weight: 1-10%

OSHA PEL10 MG/CUM RESP SIO2

ACGIH TLV: 0.1 MG/CUM RESP DUST

CRYOLITE, SODIUM ALUMINUM FLUORIDE, SODIUM FLUOALUMINATE

CAS: 15096-52-3

RTECS: WA9625000

Fraction By Weight: 1-10%

TITANIUM DIOXIDE, TITANIUM OXIDE (SUSPECTED ANIMAL

CAS: 13463-67-7

RTECS: XR2275000

Fraction By Weight: 1-10%

OSHA PEL15 MG/CUM

ACGIH TLV: 10 MG/CUM (DUST)

BARIUM CARBONATE

CAS: 513-77-9

RTECS: CQ8600000

Fraction By Weight: 0.1%

OSHA PEL0.5 MG/CUM (BA)

ACGIH TLV: 0.5 MG/CUM (BA)

CALCIUM CARBONATE, DOMOLITE, LIMESTONE, WHITING *98-3*

CAS: 1317-65-3

RTECS: EV9580000

Fraction By Weight: 1-10%

OSHA PEL15 MG/M3

ACGIH TLV: 10 MG/CUM TOTAL DUST

CALCIUM FLUORIDE, FLUORSPAR, CALCIUM DIFLUORIDE, IRTRAN 3,

CAS: 7789-75-5

RTECS: EW1760000

Fraction By Weight: 0.1%

OSHA PEL2.5 MG/CUM (AS F)

ACGIH TLV: 2.5 MG/CUM (AS F)

CHROMIUM, CHROMIUM METAL, CHROME (CARCINOGEN BY NTP; IARC

CAS: 7440-47-3

RTECS: GB4200000

Fraction By Weight: 11-30%

ACGIH TLV: 0.5 MG/CUM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

COBALT (ANIMAL CARCINOGEN BY IARC - GROUP 2B) *98-3*

CAS: 7440-48-4

RTECS: GF8750000

Fraction By Weight: 0.1%

OSHA PEL0.1 MG/CUM

ACGIH TLV: 0.05 MG/CUM

COPPER (DUST & MIST), BRONZE POWDER *98-3*

CAS: 7440-50-8

RTECS: GL5325000

Fraction By Weight: 0.1%

OSHA PEL0.1 MG(CU)/M3 (FUME)

ACGIH TLV: 0.2 MG/M3 (FUME)

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

IRON *98-3*

CAS: 7439-89-6

RTECS: NO4565500

Fraction By Weight: 31-65%

MANGANESE *98-3*

CAS: 7439-96-5

RTECS: OO9275000

Fraction By Weight: 1-10%

OSHA PEL5 MG/CUM

ACGIH TLV: 5 MG/CUM (DUST)

MOLYBDENUM (SOLUBLE COMPOUND)

CAS: 7439-98-7

RTECS: QA4680000

Fraction By Weight: 0.1%

OSHA PEL5 MG/CUM

ACGIH TLV: 5 MG/CUM

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:SHORT TERM EXPOSURE: METALLIC TASTE, NAUSEA, TIGHTNESS OF CHEST, FEVER, IRRITATION OF EYES, NOSE, THROAT & SKIN, LOSS OF CONSCIOUSNESS/DEATH DUE TO WELDING GASES/LACK OF OXYGEN. LONG TERM EXPOSURE TO FUMES/GASES/DUSTS: SKIN SENSITIZATION, NEUROLOGICAL DAMAGE, RESPIRATORY DISEASE.

Explanation of Carcinogenicity:SEE INGREDIENTS.

Effects of Overexposure:SHORT TERM EXPOSURE: METALLIC TASTE, NAUSEA, TIGHTNESS OF CHEST, FEVER, IRRITATION OF EYES, NOSE, THROAT & SKIN, LOSS OF CONSCIOUSNESS/DEATH DUE TO WELDING GASES/LACK OF OXYGEN.

LONG TERM EXPOSURE TO FUMES/GASES/DUSTS: SKIN SENSITIZATION, NEUROLOGICAL DAMAGE, RESPIRATORY DISEASE.

Medical Cond Aggravated by Exposure:SKIN/RESPIRATORY CONDITIONS.

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. IF UNCONSCIOUS, ADMINISTER OXYGEN/RESUSITATE IMMEDIATELY. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Unusual Fire/Explosion Hazard:WELDING ARCS & SPARKS CAN IGNITE FLAMMABLE LIQUIDS & VAPORS & COMBUSTIBLE SOLIDS.

Accidental Release

Spill Release Procedures:VACUUM RESIDUE FROM CUTTING, GRINDING/WELDING OPERATIONS INTO SUITABLE CONTAINER.

Exposure Controls

Respiratory Protection:USE AIR-SUPPLIED RESPIRATOR NIOSH APPROVED IN ACCORDANCE W/EPA OR LOCAL REGULATIONS

Ventilation:LOCAL EXHAUST WHEN CUTTING, GRINDING/WELDING. MAINTAIN EXPOSURE BELOW LIMITS. PROVIDE ADEQUATE VENTILATION.

Protective Gloves:AS REQUIRED

Eye Protection:WELDING LENSE SHADE FROM AWS F2.2

Other Protective Equipment:FACE PROTECTION, FLAME RETARDANT CLOTHING WHEN CUTTING, GRINDING/WELDING

Supplemental Safety and Health

Chemical Properties

Appearance and Odor:SOLID ALLOY WIRE WHICH IS FLUX COATED. NO ODOR

Stability

Stability Indicator/Materials to Avoid:YES

OXIDES OF METALS, CHROMATES, FLUORIDES, COMPLEX METALLICS, CO, OZONE & OXIDES OF NITROGEN

Stability Condition to Avoid:WELDING ARCS, SPARKS, HIGH TEMPERATURES

Hazardous Decomposition Products:PHOSGENE/FUMES OF ALUMINUM/CO/CHROMIUM/COBALT/COPPER/FLUORIDES/IRON OXIDE/MANGANESE/MOLYBDENUM/NICKEL/NITROGEN DIOXIDES

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

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