

904L

MSDS Number

BQZSQ

National Stock Number

3439-00F027546

Product Name

904L

Manufacturer

G O CARLSON INC

Product Identification

Product ID:904L

MSDS Date:06/03/1992

FSC:3439

NIIN:00F027546

MSDS Number: BQZSQ

Responsible Party

G O CARLSON INC

350 MARSHALLTON RD

THORNDALE , PA 19372

US

Emergency Phone: 215-384-2800

Info Phone: 215-384-2800

Cage: GOCAR

Contractor

G O CARLSON INC

THORNDALE, PA 19372

US

215-384-2800

Cage: GOCAR

Ingredients

SILICON

CAS: 7440-21-3

RTECS: VW0400000

Fraction By Weight: 0-2%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

NICKEL (SOLUBLE) (SUSPECTED HUMAN CARCINOGEN BY NTP, IARC,

CAS: 7440-02-0

RTECS: QR5950000

Fraction By Weight: 23-46%

OSHA PEL1 MG/CUM

ACGIH TLV: 0.05 MG/CUM IC

IRON

CAS: 7439-89-6

RTECS: NO4565500

Fraction By Weight: 22-52%

OSHA PEL10 MG/CUM FUME

ACGIH TLV: 5 MG/CUM FUME

CHROMIUM METAL, CHROMIUM, CHROME (SUSPECTED A1 HUMAN

CAS: 7440-47-3

RTECS: GB4200000

Fraction By Weight: 17-23.5%

OSHA PEL1 MG/CUM (CEILING)

ACGIH TLV: 0.5 MG/CUM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

MOLYBDENUM (SOLUBLE COMPOUND), LEAD MOLYBDATE

CAS: 7439-98-7

RTECS: QA4680000

Fraction By Weight: 2-5%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3; 9293

COPPER (DUST & MIST), BRONZE POWDER

CAS: 7440-50-8

RTECS: GL5325000

Fraction By Weight: 1-4%

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

ACGIH TLV: 0.2 MG/M3 (FUME)

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

MANGANESE, MN COMPOUNDS

CAS: 7439-96-5

RTECS: OO9275000

Fraction By Weight: 0-2%

OSHA PEL(C) 5 MG/M3 DUST

ACGIH TLV: 5 MG/M3 DUST 9293

TITANIUM (DRY POWDER) (TI)

CAS: 7440-32-6

RTECS: XR1700000

Fraction By Weight: 0-1.15%

Hazards

Routes of Entry: Inhalation: YES Skin: YES Ingestion: NO
Reports of Carcinogenicity: NTP: YES IARC: YES OSHA: YES
Health Hazards Acute and Chronic: NO TOXIC EFFECTS EXPECTED FROM INERT FORM. EXPOSURE TO FUMES OR DUSTS GENERATED DURING HEATING, CUTTING, BRAZING OR WELDING MAY CAUSE ADVERSE HEALTH EFFECTS. INHALATION: IRRITATION OF NOSE & THROAT. METAL FUME FEVER. EYES: IRRITATION. INGESTION: IRRITATION OF THE MOUTH & THROAT.
Explanation of Carcinogenicity: SEE INGREDIENTS
Effects of Overexposure: INHALATION: PNEUMONITIS, SIDEROSIS. CNS INVOLVEMENT. NODULAR PULMONARY DISEASE. SKIN: DERMATITIS DUE TO SENSITIZATION.

First Aid

First Aid: SKIN: WASH W/ SOAP OR MILD DETERGENT & WATER FOR 5 MINS. EYES: WASH W/ PLENTY OF WATER FOR 15 MINS. INHALATION/INGESTION: OBTAIN MEDICAL ATTENTION IN ALL CASES.

Handling

Handling and Storage Precautions: DURING WELDING, PRECAUTIONS SHOULD BE TAKEN FOR AIRBORNE CONTAMINANTS & NOXIOUS GASES FROM THE WELDING PROCESS OR COMPONENTS OF THE WELDING ROD.
Other Precautions: ARC & SPARKS GENERATED WHEN WELDING W/ THIS PRODUCT COULD BE A SOURCE OF IGNITION FOR COMBUSTIBLE & FLAMMABLE MATERIALS.

Exposure Controls

Respiratory Protection: USE A PROPERLY FITTED NIOSH APPROVED DUST-FUME RESPIRATOR DURING WELDING OR BURNING.
Ventilation: RECOMMENDED TO KEEP BELOW TLV
Protective Gloves: RECOMMENDED
Eye Protection: SAFETY GLASSES OR GOGGLES
Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
SOME CONSTITUENTS POSE MORE POTENTIAL HAZARDS THAN OTHERS, DEPENDING UPON THEIR INHERENT TOXICITY & CONCENTRATION. OF SPECIAL CONCERN ARE CHROMIUM, NICKEL & PERHAPS MANGANESE.

Chemical Properties

Spec Gravity: 8-8.9
Appearance and Odor: ODORLESS SOLID W/ METALLIC LUSTRE. AVAILABLE PLATES, DISCS, HEADS & SLABS.

Stability

Stability Indicator/Materials to Avoid: YES
Hazardous Decomposition Products: METAL FUMES & CERTAIN NOXIOUS GASES SUCH AS CO. ACID PICKLING MAY RESULT IN THE FORMATION OF HEXAVALENT CHROMIUM.

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