

REXALLOY

MSDS Number

BJBFF

National Stock Number

6520-00F011119

Product Name

REXALLOY

Manufacturer

JENERIC INDUSTRIES INC

Product Identification

Product ID: REXALLOY
MSDS Date: 01/01/1987
FSC: 6520
NIIN: 00F011119
MSDS Number: BJBFF

Responsible Party

JENERIC INDUSTRIES, INC.
125 NORTH PLAINS INDUSTRIAL RD.
WALLINGFORD , CT 06492
Emergency Phone: (203) 265-7397
Info Phone: (203) 265-7397
Cage: 58796

Contractor

JENERIC INDUSTRIES INC
WALLINGFORD, CT 06492-5841
(203) 265-7397
Cage: 58796

Ingredients

NICKEL (SARA III)
CAS: 7440-02-0
RTECS: QR5950000
Fraction By Weight: 60-80%
OSHA PEL1 MG/M3
ACGIH TLV: 1 MG/M3; 9192

CHROMIUM (SARA III)
CAS: 7440-47-3
RTECS: GB4200000
Fraction By Weight: 12-22%
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

RTECS: NO4565500

Fraction By Weight: 0-5.5%

GALLIUM

CAS: 7440-55-3

RTECS: LW8600000

Fraction By Weight: 0-7.5%

MOLYBDENUM

CAS: 7439-98-7

RTECS: QA4680000

Fraction By Weight: 4-9%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3; 9293

COLUMBIUM, NIOBIUM

CAS: 7440-03-1

Fraction By Weight: 0-5%

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: IRRITATION OF THE
RESPIRATORY TRACT, LUNG DISEASE & DEPRESSION OF BONE MARROW
FUNCTION. SKIN: DERMATITIS & ALLERGIC REACTIONS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALATION: IRRITATION OF THE RESPIRATORY
TRACT, LUNG DISEASE & DEPRESSION OF BONE MARROW FUNCTION. SKIN:
DERMATITIS & ALLERGIC REACTIONS.
Medical Cond Aggravated by Exposure:ALLERGIC REACTIONS & DERMATITIS.

First Aid

First Aid:EYE: FLUSH THOROUGHLY W/RUNNING WATER, EVEN UNDER EYELID.
SKIN: FLUSH & SCRUB THOROUGHLY W/SOAP & WATER. INHALATION: REMOVE
PERSON TO FRESH AIR, ASSIST BREATHING W/ADDITIONAL OXYGEN IF
NECESSARY.

Fire Fighting

Unusual Fire/Explosion Hazard:THE ALLOYS ARE FIRE & EXPLOSION
RESISTANT.

Accidental Release

Spill Release Procedures:REMOVE DUST BY VACUUMING OR WET SWEEPING TO
PREVENT POWDERING IN THE AIR. USE CONTAINERIZED DISPOSAL.

Handling

Handling and Storage Precautions:AVOID CONTACT W/SKIN. GRIN/POLISH
W/ADEQUATE VENTILATION ONLY. THIS ALLOY CONTAINS NICKEL & SHOULDN'T
BE USED FOR INDIVIDUALS W/SENSITIVITY.
Other Precautions:DUST CONTAINING NICKEL, SHOULDN'T BE INHALED.

MELTING/FABRICATION OF THIS ALLOY SHOULD BE DONE IN THE PRESENCE OF ADEQUATE VENTILATION.

Exposure Controls

Respiratory Protection:WEAR APPROVED RESPIRATORS.

Ventilation:MECHANICAL/LOCAL EXHAUST VENTILATION: FILTRATION SHOULD BE EMPLOYED.

Eye Protection:GOGGLES

Other Protective Equipment:COVERALLS, PROTECTIVE CLOTHING

Supplemental Safety and Health

Chemical Properties

Melt/Freeze Pt:M.P/F.P Text:2400-2530F

Spec Gravity:7.6

Solubility in Water:INSOLUBLE

Appearance and Odor:PLATINUM COLOR, NO ODOR

Stability

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decomposition Products:FUMES

Disposal

Waste Disposal Methods:NO SPECIAL PRECAUTIONS ARE REQUIRED FOR BULK (SOLID) SHAPES, SUCH AS INGOTS.

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