



ALL FIRTHITE TUNGSTEN CARBIDE GRADES

MSDS Number

BBDRJ

National Stock Number

6850-00D000991

Product Name

ALL FIRTHITE TUNGSTEN CARBIDE GRADES

Manufacturer

CRITERION MACHINE WORKS

Product Identification

Product ID:ALL FIRTHITE TUNGSTEN CARBIDE GRADES
MSDS Date:01/01/1987
FSC:6850
NIIN:00D000991
MSDS Number: BBDRJ

Responsible Party

CRITERION MACHINE WORKS
Emergency Phone: (714)631-5444
Cage: 15111

Contractor

CRITERION MACHINE WORKS
Cage: 15111

Ingredients

TUNGSTEN
CAS: 7440-33-7
RTECS: YO7175000
OSHA PEL5 MG/M3/ 10 STEL
ACGIH TLV: 5 MG/M3/10 STEL;9192

COBALT (SARA III)
CAS: 7440-48-4
RTECS: GF8750000
OSHA PEL0.1 MG/M3;AS CO
ACGIH TLV: 0.05 MG/M3;DUST 9293

TANTALUM
CAS: 7440-25-7
RTECS: WW5505000
OSHA PEL5 MG/M3
ACGIH TLV: 5 MG/M3; DUST; 9192

CHROMIUM CARBIDE,0.0-5.1%



ACGIH TLV: 0.5MG/CUM

Hazards

Effects of Overexposure:EYE:IRR;SKIN:IRR,RASH;INH:IRR.OF
NOSE,THROAT,RESP.REACTION/DISEASE

First Aid

First Aid:SKIN:WASH WITH SOAP AND WATER. EYES: FLUSH WITH WATER.
INHALED: REMOVE TO FRESH AIR. REMOVE CONTAMINATED
CLOTHING.ING:DRINK LG.AMTS OF WTR.INDUCE VOMIT.SEEK MEDICAL
ATTENTION.

Fire Fighting

Extinguishing Media:DRY SAND,DRY DOLOMITE,ABC EXTINGUISHER,FLOOD
W.WATER
Fire Fighting Procedures:RESP.APPVD FOR TOX.DUSTS,FUMES-FOR LG FIRE USE
SCBA.
Unusual Fire/Explosion Hazard:DUSTS MAY PRESENT FIRE/EXPL.HAZ.UNDER
RARE FAVORNG CONDITIONS OF PARTICL SIZE,DISPERSION,IGN.SOURCE.

Accidental Release

Spill Release Procedures:VENTILATE AREA-VACUUM W.APPROPRIATE FILTER OR
USE WET DUST MOP-IF DUST IS GENERATED,USE NIOSH APPVD RESP.

Handling

Handling and Storage Precautions:MAINTAIN GOOD HOUSEKEEPING TO PREVENT
DUST ACC.DURING GRINDING-AVOID DUST INH.AND DIRECT SKIN CONTACT
W.DUST.
Other Precautions:WASH HANDS THOROUGHLY AFTER HANDLING,BEFORE EATING OR
SMOKING.WASH EXPSD SKIN AT END OF WORK SHIFT.DO NOT SHAKE CLOTH TO
REMOVE DUST.REMOVE BY WASHING OR VACUUMING.

Exposure Controls

Respiratory Protection:NIOSH APPVD RESP.IF TLV IS EXCEEDED.
Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.
Protective Gloves:THICK WORK GLOV
Eye Protection:GOGGLES
Supplemental Safety and Health
MSDS DATED 11-22-85/

Chemical Properties

HCC:N1
Spec Gravity:11-16
Solubility in Water:INSOLUBLE
Appearance and Odor:DARK GRAY METAL,NO ODOR
Percent Volatiles by Volume:0

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS MAY CAUSE FIRE/EXPLOSION;ALSO AVOID ACIDS.
Hazardous Decomposition Products:NONE

Disposal

Waste Disposal Methods:DISPOSE IAW LOCAL,STATE,FEDERAL REGULATIONS-MAY
BE SOLD AS SCRAP FOR RECLAIM.

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