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## **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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