

ALL TCM CARBIDE GRADES

MSDS Number

BBPFJ

National Stock Number

5610-00F003969

Product Name

ALL TCM CARBIDE GRADES

Manufacturer

TUNGSTEN CARBIDE MFG

Product Identification

Product ID:ALL TCM CARBIDE GRADES

MSDS Date:01/01/1987

FSC:5610

NIIN:00F003969

MSDS Number: BBPFJ

Responsible Party

TUNGSTEN CARBIDE MFG/TUSTIN, CA 92681

Emergency Phone: (714) 832-3013

Cage: TUNGS

Contractor

TUNGSTEN CARBIDE MFG/TUSTIN, CA 92681

Cage: TUNGS

Ingredients

TUNGSTEN CARBIDE (41-97%) _

CAS: 11107-01-0

RTECS: YO7350000

Fraction By Weight: 97%

ACGIH TLV: 5MG/CUM

COBALT (SARA III)

CAS: 7440-48-4

RTECS: GF8750000

Fraction By Weight: 97%

OSHA PEL0.1 MG/M3;AS CO

ACGIH TLV: 0.05 MG/M3;DUST 9293

VANADIUM CARBIDE

CAS: 10580-52-6

RTECS: YW1575000

Fraction By Weight: 0.50%

TANTALUM

CAS: 7440-25-7

RTECS: WW5505000

Fraction By Weight: 52%

OSHA PEL5 MG/M3

ACGIH TLV: 5 MG/M3; DUST; 9192

Hazards

Effects of Overexposure:SYMPTOMS INCLUDE PRODUCTIVE COUGH, WHEEZING, SHORTNESS OF BREATH, CHEST TIGHTNESS AND WEIGHT LOSS.

First Aid

First Aid:INHALATION: REMOVE FROM EXPOSURE. SKIN: IF IRRITATION OR RASH OCCURS, WASH AFFECTED AREA WITH SOAP/WATER. EYE: IF IRRITATION OCCURS, FLUSH W/WATER. INGESTION: IF SUBSTANTIAL QUANTITIES ARE SWALLOWED, DRINK OF WATER, INDUCE VOMITING. GET MED ATT.

Fire Fighting

Extinguishing Media:DRY SAND/DOLOMITE/ABC FIRE EXTINGUISHER/FOR FLOOD W/WATER.

Fire Fighting Procedures:USE A RESPIRATOR APPROVED FOR TOXIC DUSTS/FUMES. USE SCBA.

Unusual Fire/Explosion Hazard:DUSTS MAY PRESENT A FIRE OR EXPLOSION HAZARD UNDER RATE FAVORING CONDITION OF PARTICLE SIZE.

Accidental Release

Spill Release Procedures:VENTILATE AREA OF SPILL. CLEAN UP USING METHODS WHICH AVOID DUST GENERATION SUCH AS CUUM (W/APPROPRIATE FILTER TO PREVENT AIRBORNE DUST LEVELS WHICH EXCEED E PEL/TLV), WET DUST MOP OR WET CLEAN-UP. US E AN APPROPRIATE NIOSH APPROD RESP.

Handling

Handling and Storage Precautions:DON'T STRIKE OR IMPACT PRODUCT W/HARDENED STEEL HAMMER OR SIMILAR DEVICE BECAUSE OF POSSIBLE FCTURE/SHATTERING OF PRODUCT.

Other Precautions:WASH HANDS THOROUGHLY AFTER HANDLING, BEFORE EATING OR SMOKING. WASH EXPOSED SKIN AT THE END OF WORK SHIFT. DON'T SHAKE CLOTNG, RAG OR OTHER ITEMS TO REMOVE DUST.

Exposure Controls

Respiratory Protection:USE AN NIOSH APPROVED RESPIRATOR IF AIRBORNE DUST EXCEED PEL OR TLV.

Ventilation:USE LOCAL EXHAUST VENTILATION TO KEEP BELOW TLV OR PEL

Protective Gloves:BARRIER CREAM

Eye Protection:SAFETY GLASSES OR GOGGLES

Supplemental Safety and Health

MSDS DATED: NOV 1985.

Chemical Properties

Spec Gravity:15.5

Solubility in Water:INSOLUBLE

Appearance and Odor:DARK GRAY METAL/NO ODOR.

Percent Volatiles by Volume:O

Stability

Stability Indicator/Materials to Avoid:YES

CONTACT OF DUST W/STRONG OXIDIZERS MAY CAUSE FIRE/EXPLOSION.

Hazardous Decomposition Products:NONE

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH APPROPRIATE GOVERNMENT REGULATIONS. MAY BE SOLD AS SCRAP FOR RECLAIM.

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