MATERIAL SAFETY DATA SHEET For R&D use only. Not for drug, household or other uses.

Cas:

Code: Μ

RTECS:

Code: Χ

Name:

Other REC Limits: 5 MG/M3 (AS TA)

NOT ESTABLISHED

OSHA PEL:

OSHA STEL:

ACGIH TLV:

ACGIHSTEL:

Ventilation:

NOT ESTABLISHED

Control Measures

Respiratory Protection:

SUT TO LESS THAN TLV.

Other Protective Equipment:

Supplemental Safety and Health:

Health Hazards Data

NOT PROVIDED BY MANUFACTURER

Route Of Entry Inds - Inhalation:

Carcinogenicity Inds - NTP:

Health Hazards Acute And Chronic:

Explanation Of Carcinogenicity:

Signs And Symptions Of Overexposure:

Medical Cond Aggravated By Exposure:

Work Hygienic Practices:

PROTECTIVE GLOVES OR BARRIER CREAM

SAFETY GLASSES/SIDE SHIELDS OR GOGGLES

Equipment NONE SPECIFIED BY MANUFACTURER

Protective Gloves:

Eve Protection:

WORK SHIFT.

LD50LC50Mixture:

Skin: YES

IARC: NO

OSHA: NO

OSHA.

First Aid:

Spill Release Procedures:

Waste Disposal Methods:

NONE SPECIFIED BY MANUFACTURER.

Handling And Storage Precautions:

DIRECT SKIN CONTACT WITH DUSST.

Neutralizing Agent:

Other Precautions:

Flash Point Method:

N/P 3

NONE

N/K

HCC: N1

NRC/State LIC No:

Boiling Point:

Melt/Freeze Pt:

M.P/F.P Text:

Decomp Temp:

Decomp Text: UNKNOWN

Vapor Pres:

Vapor Density:

Spec Gravity: 9.5-15.5

PH: N/K

Viscosity: UNKNOWN

INSOLUBLE

VOC Pounds/Gallon:

VOC Grams/Liter:

Solubility in Water:

Corrosion Rate:

Stability Indicator:

Materials To Avoid: STRONG ACIDS

UNKNOWN

YES

NO

Appearance and Odor: DARK GREY METAL, NO ODOR

Percent Volatiles by Volume:

Reactivity Data

Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER

Hazardous Decomposition Products: NONE SPECIFIED BY MANUFACTURER

Hazardous Polymerization Indicator:

Conditions To Avoid Polymerization:

Toxicological Information

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Look for Chemicals

www.lookchem.com

Other Information:N/P

MSDS Transport Information

For R&D use only. Not for drug, household or other uses.

terms and conditions of sale.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any

guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from

handling or from contact with the above product. See reverse side of invoice or packing slip for additional

NONE. WILL NOT OCCUR.

Information:N/P

Information:N/P

Evaporation Rate & Reference:

Volatile Org Content %:

N/A

N/A

N/K 4

B.P. Text: 5198F,2870C

Net Prop WT For Ammo:

Flash Point:

Flash Point Text:

Autoignition Temp:

Lower Limits: UNKNOWN

Upper Limits: UNKNOWN

Extinguishing Media:

Fire Fighting Procedures:

FIGHTERS SHOULD WEAR SCBA.

Unusual Fire/Explosion Hazard:

IGNITION SOURCE. NOT NORMAL.

Physical/Chemical Properties

Autoignition Temp Text:

Ingestion:

Code:

Code:

Code: Μ

NΡ Code:

Μ

12070-06-3

Click http://www.lookchem.com/cas-120/12070-06-3.html for suppliers of this product. Composition/Information on Ingredient

USE AN APPROPRIATE NIOSH APPROVED RESPIRATOR IF AIRBORNE DUST CONCENTRATIONS EXCEED APPROPRIATE

USE LOCAL EXHAUST VENTILATION WHICH IS ADEQUATE TO LIMIT PERSONAL EXPOSURE TO RESPIRABLE AIRBORNE

WASH HANDS THOROUGHLY AFTER HANDLING, BEFORE EATING OR SMOKING. WASH EXPOSED SKIN AT THE END OF

DO NOT SHAKE CLOTHING, RAGS OR OTHER ITEMS TO REMOVE DUST. DUST SHOULD BE REMOVED BY WASHING OR

SKIN CONTACT: CAN CAUSE IRRITATION OR AN ALLERGIC SKIN RASH DUE TO COBLAT SENSITIZATION. EYE CONTACT: CAN CAUSE IRRITATION. INGESTION: SIGNIFICANT AMOUNTS OF COBALT MAY CAUSE BLOOD, HEART AND OTHER OR GAN PROBLEMS. INHALATION:

NONE OF THE COMPONENTS OF THIS CARBIDE HAVE BEEN IDENTIFIED AS KNOWN OR SUSPECTED CARCINOGENS BY NTP, IARC OR

INHALATION: COUGHING, WHEEZING, SHORTNESS OF BREATH, CHEST TIGHTNESS, WEIGHT LOSS, LUNG SCARRING, DEATH. SKIN:

INHALATION: REMOVE FROM EXPOSURE AND SEEK MEDICAL ATTENTION. SKIN CONTACT: THOROUGHLY WASH AFFECTED AREA WITH SOAP AND WATER AND ISOLATE FROM EXPOSURE. IF IRRITATION OR RASH PERSIST, SEEK MEDICAL ATTE NTION. EYE CONTACT: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. INGESTION: DILUTE WITH A LARGE AMOUNT

VENTILATE AREA OF SPILL. CLEAN UP USING METHODS WHICH AVOID DUST GENERATION SUCH AS VACUUM (WITH APPROPRIATE FILTER

MAINTAIN GOOD HOUSEKEEPING PROCEDURES TO PREVENT DUST ACCUMULATION DURING GRINDING, AVOID DUST INHALATION AND

CLEANUP USING METHODS WHICH AVOID DUST GENERATION. SUCH AS VACUUM (WITH APPROPRIATE FILTER TO PREVENT AIRBORNE

FOR A POWDER FIRE CONFINED TO A SMALL AREA, USE A RESPIRATOR APPROVED FOR DUSTS AND FUMES. FOR A LARGE FIRE, FIRE

DUSTS MAY PRESENT A FIRE OR EXPLOSION HAZARD UNDER RARE FAVORING CONDITIONS OF PARTICLE SIZE, DISPERSION AND STRONG

RESPIRATORY IRRITATION, TRANSIENT OR PERMANENT REPIRATORY DISEASE, OCCUPATIONAL ASTHMA.

IRRITATION, RASH. EYES: IRRITATION. INGESTION: BLOOD, HEART AND OTHER ORGAN PROBLEMS.

TO PREVENT AIRBORNE DUST LEVELS WHICH EXCEED PEL OR TLV), WET DUST MOP OR WET CLEAN- UP.

DUST LEVELS WHICH EXCEED THE PEL OR TLV), WET DUST MOP OR WET CLEAN-UP.

Fire and Explosion Hazard Information

FOR POWDER FIRES USE DRY SAND, DRY DOLOMITE, DRY GRAPHITE POWDER

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

CERTAIN PULMONARY CONDITIONS MAY BE AGGRAVATED BY EXPOSURE.

OF WATER, INDUCE VOMITING AND SEEK MEDICAL ATTENTION.

VACUUMING (WITH APPROPRIATE FILTERS) THE CLOTHING, RAGS OR OTHER ITEMS. PERIODIC MEDICAL

EXAMINATIONS AR E RECOMMENDED FOR INDIVIDUALS REGULARLYEXPOSED TO DUST OR MIST.

PEL OR TOV. ALL APPROPRIATE REQUIREMENTS SET FORTH IN 29CFR1910.134 SHOULD BE MET.

TANTALUM CARBIDE