

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-744/7440-50-8.html> for suppliers of this product.

Composition/Information on Ingredient

7440-50-8

Code:
M

RTECS:
GL5325000

Code:
M

Name:
COPPER (SARA 313) (CERCLA)

Other REC Limits:
N/K

OSHA PEL:
0.1MG/M3 FUME;1 DUST

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
0.2 MG/M3 FUME

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

4 NONE NORMALLY REQUIRED

SAFETY REGULATIONS & MFR'S RECOMMENDATIONS.

Ventilation:
GENERAL VENTILATION USUALLY ADEQUATE.

Protective Gloves:
CLOTH OR SYNTHETIC GLOVES.

Eye Protection:
ANSI APPROVED CHEM WORKERS GOGGLES (FP N).

Other Protective Equipment:
Equipment EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA (FP N). CLEAN CLOTHING TO COVER SKIN.

Work Hygienic Practices:
WASH HANDS BEFORE EATING.

Health Hazards Data

LD50 (CS) mixture:
NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE:EYE CONT:SLIGHTLY IRRIT BUT DOES NOT INJURE TISS. AT ELEVATED TEMPS MAY CAUSE IRRIT. SKIN CONT:PRUNG/RPTD CONT

Explanation Of Carcinogenicity:
SILICA CRYSTALLINE-QUARTZ- IARC MONOGRAPHS, VOL 68, 1997:GRP 1, NTP 7TH ANNUAL RPT ON CARCINS, 1994:ANTIC TO BE

Signs And Symptoms Of Overexposure:
THIS PROD CONTAINS ENCAPSULATED SILICON DIOXIDE (QUARTZ, SILICA). NO EXPOS TO FREE RESPIRABLE SILICA IS ANTIC DURING NORMAL USE OF THIS PROD. INHAL OF FREE RESPIRABLE SILICA MAY CAUSE SILICOSIS/OTHER SERIOUS DELAYED LUNG INJURY. SILICA MAY BE RELS BY GRINDING/MACHINING OF COATED MATS. USE NIOSH APPROVD DUST/MIST RESP WHEN GRINDING/MACHINING

FREE METAL POWDER IS ANTIC DURING NORM

Medical Cond Aggravated By Exposure:
PREEXISTING PULMONARY & DERMATOLOGICAL DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO HAZARDOUS COMPONENTS.

GET MED FLUSH W/PLENTY OF WATER FOR AT LST 15 MINS. GET MED ATTN, IF IRRIT PERSISTS. SKIN:WASH W/SOAP & WATER.
 GET MED ATTN IF IRRIT DEVELS/PERSISTS. INHAL:REMOVE TO FRESH AIR & GET MED ATTN IF COU GH/OTHER SYMPS DEVEL.
 INGEST:DO NOT INDUCE VOMIT. GIVE VICTIM GLASS OF WATER/MILK. CALL MD/POIS CTL CTR IMMED. NEVER GIVE ANYTHING BY MOUTH
 TO UNCON PERS. NOTES TO MD:NO INFORMATION.

RECLAIM CLEAN MATERIAL. CONTAMINATED MATERIAL SHOULD BE SWEEPED OR SHOVELED INTO APPROPRIATE WASTE CONTAINER & DISPOSED OF I/A/W APPLICABLE FEDERAL, STATE & LOCAL REGULATIONS.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: REVIEW ALL CURRENT FEDERAL, STATE & LOCAL REGULATIONS REGARDING HEALTH & DISPOSAL FOR APPROPRIATE DISPOSAL PROCEDURES. INCINERATION PREFERRED.

Handling And Storage Precautions:
AVOID PROLONGED OR REPEATED CONTACT W/SKIN. DO NOT TAKE INTERNALLY. FOR INDUSTRIAL USE ONLY. STORE AWAY FROM HEAT
KEEP OUT OF THE REACH OF CHILDREN.

Other Precautions:

Fire and Explosion Hazard Information

PMCC

Flash Point:

Flash Point Text:
300F,149C

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/A

Upper Limits:
N/A

Extinguishing Media:
CO*2, DRY CHEMICAL, FOAM, WATER FOG.

Fire Fighting Procedures:
USE NIOSH APPRVD SCBA & FULL PROT EQUIP(FP N). USE WATER TO COOL EXPOS CNTNRS. WATER STREAM DIRECTED INTO FIRE MAY CAUSE FROTHING W/SUBSEQUENT SPREAD OF FLAMES.

Unusual Fire/Explosion Hazard:
FINELY DIVIDED DUST IN AIR MAY PRESENT EXPLO HAZ. PVNT DUST BUILDUP. CLSD CNTNRS MAY RUPTURE/EXPLODE (DUE TO PRESS

HCC:

NRC/State LIC No:	
Net Prop WT For Ammo:	
Boiling Point:	
B.P. Text: >550F,>288C	
Melt/Freeze Pt:	
M.P/F.P Text: N/A	
Decomp Temp:	
Decomp Text: N/K	
Vapor Pres: N/A	
Vapor Density: HVR/AIR	
Volatile Org Content %:	
Spec Gravity: 1.3017	
VOC Pounds/Gallon:	
PH: N/A	
VOC Grams/Liter:	
Viscosity: N/P	
Evaporation Rate & Reference: SLOWER THAN BUTYL ACETATE	
Solubility in Water: INSOLUBLE	
Appearance and Odor: HIGH VISCOSITY, COPPER COLORED PASTE; SLIGHT PETROLEUM ODOR.	
Percent Volatiles by Volume: N/K	
Corrosion Rate: N/K	
Reactivity Data	
Stability Indicators:	

Stability Condition To Avoid PROLONGED EXPOSURE TO

Materials To Avoid:
STRONG LEWIS/MINERAL ACIDS. STRONG BASES/OXIDANTS. NITRATES, NITRITES, CHLORINATED HYDROCARBONS, CHLORIDES, PALLADIUM, SELENIUM, MANGANESE, MAGNESIUM + POTASSIUM CHLORATE, 5 SODIUM CARBONATE, SULFATES, DIBORANE.

Hazardous Decomposition Products:
OXIDES OF CARBON. VARIOUS HYDROCARBONS.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT RELEVANT

Toxicological Information

MSDS Transport Informa

Information: N/P

Regulatory Information

Sara Title III Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P

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