

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-120/12067-56-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

12067-56-0

Code:

M

RTECS:

Code:

X

Name:

TANTALUM SILICIDE

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

5 MG TA/M3

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

5 MG TA/M3

Code:

M N/P

ACGIH STEL:

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

Code:

1 ACGIH STEL:

Control Measures

Respiratory Protection:

IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR HEPA CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134.

Ventilation:

LABORATORY FUME HOOD.

Protective Gloves:

RUBBER.

Eye Protection:

ANSI APPROVED SAFETY GOGGLES.

Other Protective Equipment:

Equipment NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:

WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health:

N/P

Health Hazards Data

LD50/LC50/Mixture:

NO DATA

Route Of Entry Inds - Inhalation:

NO

Skin:

NO

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

NO KNOWN HEALTH EFFECTS IF INGESTED. SKIN & EYE CONTACT MAY CAUSE IRRITATION. INHALATION MAY CAUSE IRRITATION OF RESPIRATORY TRACT AND MUCOUS MEMBRANES. CHRONIC: NONE KNOWN.

Explanation Of Carcinogenicity:

NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs And Symptoms Of Overexposure:

SKIN-IRRITATION. EYES-IRRITATION. INHALED-IRRITATION.

Medical Cond Aggravated By Exposure:

NONE KNOWN.

First Aid:

EYES-FLUSH WITH WATER FOR 15 MINUTES, LIFT LIDS. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP & WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALED-REMOVE TO FRESH AIR. RESTORE BREATHING AS NEEDED. GET MEDICAL ATTENTION. INGESTED-GET MEDICAL ATTENTION.

Spill Release Procedures:

WEARING FULL PROTECTIVE EQUIPMENT; COVER SPILL WITH DRY SAND OR VERMICULITE. MIX WELL AND CAREFULLY TRANSFER TO A CONTAINER.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS. RCRA CODE: NONE. TSCA REGISTERED: YES.

Handling And Storage Precautions:

STORE IN A COOL, DRY, WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED. WASH THOROUGHLY AFTER USE.

Other Precautions:

NONE SPECIFIED BY MANUFACTURER.

Fire and Explosion Hazard Information

Flash Point Method:

N/P 2

Flash Point:

Flash Point Text:

NON-FLAMMABLE

Autoignition Temp:

Autoignition Temp Text:

N/P

Lower Limits:

N/A

Upper Limits:

N/A

Extinguishing Media:

NON-FLAMMABLE. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:

WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE FIGHTER'S PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:

NONE KNOWN.

Physical/Chemical Properties

HCC:

N/A

NRC/State LIC No:

N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

NO DATA

Melt/Freeze Pt:

M.P./F.P. Text:

NO DATA

Decomp Temp:

Decomp Text:

N/P

Vapor Pres:

0

Vapor Density:

N/A 3

Volatile Org Content %:

Spec Gravity:

13.029

VOC Pounds/Gallon:

PH:

N/P

VOC Grams/Liter:

Viscosity:

N/P

Evaporation Rate & Reference:

NOT APPLICABLE

INSOLUBILITY IN Water:

INSOLUBLE

GREY METALLIC POWDER; ODORLESS.

Percent Volatiles by Volume:

N/A

Corrosion Rate:

N/P

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

NONE KNOWN.

Materials To Avoid:

NONE KNOWN.

Hazardous Decomposition Products:

NONE KNOWN.

Hazardous Polymerization Indicator:

N

Conditions To Avoid Polymerization:

WILL NOT OCCUR.

Toxicological Information

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:

N/P

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