

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-744/7440-25-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
7440-25-7
Code:
M

RTECS:
WW5505000
Code:
M

Name:
TANTALUM

Other REC Limits:
N/K

OSHA PEL:
3 5 MG/M3
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
5 MG/M3; DUST; 9192
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
FUMES RESPORATOR OR AIR SUPPLIED RESPIRATOR IN CONFINED SPACES OR WHERE VENTILATION DOES NOT KEEP EXPOSURE BELOW TLV.

Ventilation:
LOCAL EXHAUST TO MAINTAIN BELOW TLV.

Protective Gloves:
WELDER'S GLOVES

Eye Protection:
HELMET OR FACE SHIELD WITH FILTER LENS

Other Protective Equipment:
Equipment SUBSTANTIAL DARK CLTOTH,ARM PROTECTOR,APRON,MAT ,SHOULDER PROTECTION.

Work Hygienic Practices:
WASH HANDS THOROUGHLY BEFORE EATING,SMOKING,USING SANITARY FACILITIES.

Supplemental Safety and Health:
N/R

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
YES

Health Hazards Acute And Chronic:
ACUTE:METALLIC TASTE,NAUSEA,TIGHTNESS OF CHEST,FEVER,DIZZINESS,DRYNESS OR IRRITATION OF EYES,NOSE OR THROAT.
CHRONIC:EXCESSIVE LEVELS MAY CAUSE BRONCHIAL ASTHMA,LUNG FIBROSIS.PNEUMOCOCONIOSIS,MANGANISM. :MN,CR & NI MAY EXCEED THE IR LIMIT BEFORE THE TOTAL WELDING FUMES EXCEEDS ITS RECOMMENDED LIMIT*

Explanation Of Carcinogenicity:
CHROMNIUM (VI) IS A HUMAN CARCINOGEN. CHROMUIN (III) IS A SUSPECTED HUMAN CARCINOGEN. NI IS A SUSPECTED HUMAN CARCINOGEN

Signs And Symptions Of Overexposure:
SEE HEALTH HAZARDS

Medical Cond Aggravated By Exposure:
7 AGGRAVATION OF PREEXISTING RESPIRATORY OR ALLERGIC CONDITIONS. HIGHER LEVEL OF LUNG RELATED PROBLEMS AMONG SMOKERS.

First Aid:
REMOVE FROM EXPOSURE AND OBTAIN PROMPT MEDICAL ATTENTION. IF UNCONSCIOUS,GIVE OXYGEN. IF NOT BREATHING,GIVE CPR. EMPLOY FIRST AID TECHNIQUES RECOMMENDED BY AMERICAN RED CROSS. :MONITOR THE FUMES FOR MN, CR & NI SEE HEALTH HAZARDS*

Spill Release Procedures:
CLEAN UP ANY GRINDING DUST OR WASTE RESIDUE AND PLACE IN SUITABLE DOT APPROVED DISPOSAL CONTAINER.

Neutralizing Agent:
N/R

Waste Disposal Methods:
DISPOSE OF FUME OR FLUX OR NELING GRINDING RESIDUE FROM THE WORK AREA OR FROM FILTERS IAW ALL APPICABLE LOCAL,STAT AND FEDERAL REGULATIONS.

Handling And Storage Precautions:
N/R

Other Precautions:
TRAIN WELDER TO KEEP HIS HEAD OUT OF THE FUMES. MONITOR AIR TO ENSURE ACCEPTABLE EXPOSURES. AVOID ELECTRICAL SHOCK BY MAINTAINING DRY WORK AREA.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/R

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures:
8 N/R

Unusual Fire/Explosion Hazard:
WELDING ARC AND SPARKS CAN IGNITE COMBUSTIBLE PRODUCTS.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/R 9

Melt/Freeze Pt:

M.P/F.P Text:
N/R

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/R

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity:
N/R

Evaporation Rate & Reference:
N/R

Solubility in Water:
INSOLUBLE

Appearance and Odor:
WELDING ROD 0.030 INCHES DIAMETER BY 36 INCES LONG.

Percent Volatiles by Volume:
N/R

Corrosion Rate:
N/R

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
N/R

Materials To Avoid:
N/R

Hazardous Decomposition Products:
FUMES OF METALS AND METAL OXIDES, CO,NO:2,O:3.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/R

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

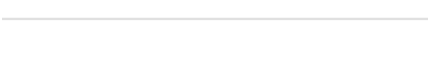
Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P



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WARRANTY

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