

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-744/7440-32-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
7440-32-6

Code:
M

RTECS:
XR1700000

Code:
M 3

Name:
TITANIUM; CAS #7440-32-6; SEE SUPPL DATA FOR OTHE

Other REC Limits:
N/P

OSHA PEL:
N/P

Code:

OSHA STEL:

Code:

ACGIH TLV:
N/K

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
DURING WELDING,USE OSHA APPROVED RESPIRATOR.

Ventilation:
USE LOCAL EXHAUST WHEN DUST/FUMES ARE GENERATED

Protective Gloves:
AS REQUIRED

Eye Protection:
SAFETY GLASSES

Other Protective Equipment:
Equipment N/K

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
MSDS FM MFR UNDATED; NIOSH 6:NO7400000,IRON,2.0%; NIOSH 7:VW0400000,SILICON,0.15%; NIOSH 8:OO0275000,MANGANESE,0.10%, NIOSH 9:BD0330000,ALUMINUM,1.5%; NISOH 10:FF5250000,CARBON,0.08%

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
N/P

Skin:
N/P

Ingestion:
N/P

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
N/P

Explanation Of Carcinogenicity:
N/P

Signs And Symptions Of Overexposure:
DUST/FUMES(WELDG):INH-NI,CO CAUSE RESP IRRIT,PNEUMONITIS; SKIN:ALLERGIC.CR DUST CAUSE LUNG DEFECTS.

Medical Cond Aggravated By Exposure:
N/P

First Aid:
REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEED. SKIN:WASH WITH SOAP & WATER. EYES:FLUSH WITH WATER 15 MIN. KEEP WARM AND QUIET ! 4

Spill Release Procedures:
COLLECT & CONTAINS SPILLED MATERIAL.REUSE IF POSSIBLE.IF NOT USEABLE,PLACE IN CLOSED CONTAINER FOR FURTHER DISPOSAL INSTRUCTIONS.

Neutralizing Agent:
N/P

Waste Disposal Methods:
KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE INTERNATIONAL,FEDERAL,STATE, & LOCAL REGULATIONS.

Handling And Storage Precautions:
STORE IN COOL,DRY,WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE.KEEP CONTAINERS CLOSED. MAINTAIN STANDARD HYGIENE FOR CHEM HANDLING.

Other Precautions:
NOT NOTED BY MFR

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
DRY POWDER,DRY SAND,DRY DOLOMITE,DRY GRAPHITE

Fire Fighting Procedures:
WHEN MOLTEN METAL IS PRESENT,USE RESP WHEN FIGHTING FIRE.

Unusual Fire/Explosion Hazard:
NONE KNOWN

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/R

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
N/R

Vapor Density:
N/R 6

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/R

Solubility in Water:
NEGILIGIBLE

Appearance and Odor:
SOLID. GREY COLOR

Percent Volatiles by Volume:
N/R

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE

Materials To Avoid:
NOT KNOWN

Hazardous Decomposition Products:
NONE

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