

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-255/25583-20-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
25583-20-4
Code:
M

RTECS:

Code:
X

Name:
TITANIUM NITRIDE *93-3*

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:
ACGIH TLV: N/K
Code:
1 OSHA STEL:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
IF FUMES, MISTING OR DUST CONDITION OCCURS & TLV IS EXCEEDED, PROVIDE NIOSH APPROVED RESPIRATORS.

Ventilation:
GENERAL: RECOMMENDED TO KEEP BELOW TLV. LOCAL: AS REQUIRED.

Protective Gloves:
AS REQUIRED

Eye Protection:
SAFETY GLASSES OR GOGGLES

Other Protective Equipment:
Equipment AS REQUIRED

Work Hygienic Practices:
USE GOOD HOUSEKEEPING PRACTICES TO PREVENT ACCUMULATION OF DUSTS &TO KEEP AIRBORNE DUST CONCENTRATIONS AT A MINIMUM.

Supplemental Safety and Health:
SUBSEQUENT OPERATIONS SUCH AS ABRADING, MELTING, WELDING, CUTTING OR PROCESSING IN ANY OTHER FASHION MAY PRODUCE POTENTIALLY HAZARDOUS DUST OR FUME WHICH CAN BE INHALED, SWALLOWED, OR COME IN CONTACT W/THE SKIN OR EYES. THE FORM IN WHICH THIS PRODUCT IS SOLD, IT'S NOT CONSIDERED TO BE A PHYSICAL/HEALTH HAZARD.

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INHALATION: LOSS OF CONSCIOUSNESS/DEATH DUE TO WELDING GASES OR LACK OF OXYGEN. EYES/SKIN: IRRITATION. SEE SUPP

Explanation Of Carcinogenicity:
NONE

Signs And Symptoms Of Overexposure:
INHALATION: METALLIC TASTE, NAUSEA, TIGHTNESS OF CHEST, FEVER, IRRITATION OF NOSE/THROAT. SKIN/EYES: IRRITATION.

Medical Cond Aggravated By Exposure:
PREEXISTING RESPIRATORY OR ALLERGIC CONDITIONS

First Aid:
INHALATION: REMOVE TO FRESH AIR. EYES: FLUSH W/PLENTY OF WATER. SKIN: BRUSH OFF EXCESS DUST. WASH W/SOAP & WATER. INGESTION: OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
N/R

Neutralizing Agent:
N/K

Waste Disposal Methods:
SOLIDS: SALE AS SCRAP FOR REUSE. DUST, ETC: FOLLOW FEDERAL, STATE & LOCAL REGULATIONS REGARDING DISPOSAL.

Handling And Storage Precautions:
N/K

Other Precautions:
N/K

Fire and Explosion Hazard Information

Flash Point Method:
N/P 2

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
N/K

Fire Fighting Procedures:
N/K

Unusual Fire/Explosion Hazard:
N/K

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
8000F

Melt/Freeze Pt:

M.P/F.P Text:
5306F

Decomp Temp:

Decomp Text:
N/K 3

Vapor Pres:
N/R

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
7-9

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/R

Solubility in Water:
INSOLUBLE

Appearance and Odor:
GOLDEN COLORED COATING ABOUT .0001" THICK, ODORLESS.

Percent Volatiles by Volume:
N/R

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
N/K

Materials To Avoid:
STRONG ACIDS

Hazardous Decomposition Products:
METALLIC OXIDES

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

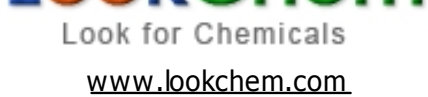
Sara Title III Information: N/P

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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