

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

ACGIH STEL:

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

LD50/LC50 Mixture:

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:

SOLID: 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:

N/P

Flash Point Text:

NONE

Autoignition Temp:

N/A

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:

N/P

Boiling Point:

N/P

B.P. Text:

8000F

Melt/Freeze Pt:

N/P

M.P/F.P. Text:

5306F

Decomp Temp:

N/K

Decomp Text:

N/K

Vapor Pres:

N/P

Vapor Density:

N/P

Volatile Org Content %:

N/P

Spec Gravity:

7-9

VOC Pounds/Gallon:

N/P

PH:

N/K

VOC Grams/Liter:

N/P

Evaporation Rate & Reference:

N/R

INSOLUBLE in Water:

N/P

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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