

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-131/1317-80-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
1317-80-2
Code:
M

RTECS:
VM2940000
Code:
M

Name:
RUTILE; (TITANIUM DIOXIDE)

Other REC Limits:
N/K

OSHA PEL:
N/K (FP N)
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K (FP N)
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation:
GOOD VENTILATION ADEQ IN ORDINARY USE CIRCUMSTANCES. LOCAL EXHAUST:IF NECESSARY. MECHANICAL (GENERAL):GOOD GENERAL VENT.

Protective Gloves:
IMPERVIOUS GLOVES (FP N).

Eye Protection:
ANSI APPROVED CHEM SAFETY GOGGLES (FP N)

Other Protective Equipment:
Equipment AS REQUIRED TO PREVENT PERSONAL CONTACT.

Work Hygienic Practices:
WASH W/MILD SOAP &WATER AFTER USE.

Supplemental Safety and Health:
THIS IS A REFORMULATION. PART NUMBER INDICATOR "C" DENOTES NEWER PRODUCT THAN "B", 8040-00-134-8831. INGREDIENTS & OTHER CHANGES MAY APPLY (FP N).

Health Hazards Data

LD50LC50Mixture:
SEE INGREDIENTS.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE:INGEST:TOXIC. INHAL:TOXIC FUMES POSSIBLE AT ELEVATED TEMPERATURES. SKIN/EYE:MODERATE IRRITATION. CHRONIC:IRRITATION, SENSITIZATION, DERMATITIS.

Explanation Of Carcinogenicity:
NOT RELEVANT

Signs And Symptoms Of Overexposure:
SEE HEALTH HAZARDS.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
EYE:FLUSH W/WATER FOR AT LEAST 15 MINUTES. CALL MD. SKIN:PROMPTLY WASH W/SOAP & WATER. INGEST:IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER. GET MEDICAL ATTENTION. INHAL:REMOVE TO FRESH AIR. GIVE OXYGE N OR ARTIFICIAL RESPIRATION IF INDICATED.

Spill Release Procedures:
AVOID PERSONAL CONTACT. SHOVEL INTO CLOSEABLE CONTAINERS. FLUSH CONTAMINATED AREA W/DETERGENT IN WATER.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
DISPOSE OF I/A/W ALL FEDERAL, STATE & LOCAL REGULATIONS.

Handling And Storage Precautions:
STORE IN SEALED CONTAINERS AT TEMPERATURES <110F.

Other Precautions:
AVOID SKIN & EYE CONTACT. AVOID BREATHING VAPORS OF HEATED MATERIAL.

Fire and Explosion Hazard Information

Flash Point Method:
OC

Flash Point:

Flash Point Text:
200F,93C

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/A

Upper Limits:
N/A

Extinguishing Media:
3 WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:
USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard:
NONE.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
>392F,>200C

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
1.35-1.45 (H*2)

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
NOT APPLICABLE

Solubility in Water:
VERY SLIGHT

Appearance and Odor:
THICK, WHITE PASTE; NO ODOR. 4

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
ELEVATED TEMPERATURES.

Materials To Avoid:
STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:
COMBUSTION PRODUCTS, CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT RELEVANT

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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