

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-546/546-68-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

546-68-9

Code:

M

RTECS:

Code:

X

Name:

TETRAISOPROPYL TITANATE

Other REC Limits:

NONE SPECIFIED

OSHA PEL:

25 PPM TWA

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

5 PPM TWA

Code:

M

ACGIHSTEL:

N/P

Code:

Control Measures

Respiratory Protection:

NIOSH/MSHA APPROVED ORGANIC VAPOR TYPE OR AIR SUPPLIED OR SCBA RESPIRATOR.

Ventilation:

5 LOCAL AND MECHANICAL (GENERAL) VENTILATION ARE BOTH RECOMMENDED.

Protective Gloves:

RUBBER/PLASTIC

Eye Protection:

SAFETY GLASSES OR GOGGLES

Other Protective Equipment:

Equipment AS REQUIRED TO PREVENT PROLONGED CONTACT.

Work Hygienic Practices:

REMOVE GROSS AMOUNTS OF CHEMICAL FROM SKIN ASAP. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR SMOKING.

Supplemental Safety and Health:

THIS ENTRY DESCRIBES NEW ENTRY FOR NEW FORMULATION; OLD FORMULATION IS DESCRIBED UNDER PNI "B" SAME NSN.

Health Hazards Data

LD50LC50Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE-EYES:IRRITATION,BURNS OR PERMANENT INJURY. SKIN:IRRITATION, MILD BURNS. INHALATION:IRRITATION TO THE RESPIRATORY TRACT & DROWSINESS. INGESTION: INTESTINAL DISORDERS, INJURY TO DIGESTIVE SYSTEM. CHRONIC-DEMATITS.

Explanation Of Carcinogenicity:

N/R

Signs And Symptions Of Overexposure:

EYES:MAY IRRITATE WITH SLIGHT PAIN,REDNESS. SKIN:IRRITATION. INHALATION:DROWSINESS, DIFFICULTY IN BREATHING. INGESTION:ABDOMINAL PAIN.

Medical Cond Aggravated By Exposure:

EYE, SKIN AND RESPIRATORY DISORDERS.

First Aid:

EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WIPE OFF & FLUSH WITH WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS. INHALATION: REMOVE TO FRESH AIR, GIVE CPR/OXYG EN IF NEEDED. GET MEDICAL ATTENTION IF ILL EFFECTS PERSIST. INGESTION:GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTE: VOMITING CAN SERIOUSLY INJURE LUNGS.

Spill Release Procedures:

USE ABSORBENT MATERIAL TO COLLECT AND CONTAIN FOR SALVAGE OR DISPOSAL. REMOVE ALL SOURCES OF IGNITION AND WEAR PROPER PROTECTION EQUIPMENT.

Neutralizing Agent:

4 NONE

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE & FEDERAL REGULATIONS. CONTACT DOW CORNING FOR ANY DISPOSAL QUESTIONS.

Handling And Storage Precautions:

STORE IN COOL,DRY,WELL VENTILATED,LOW FIRE RISK AREA. PROTECT FROM PHYSICAL DAMAGE.KEEP CONTAINERS CLOSED. MAINTAIN STANDARD HYGIENE FOR CHEM HANDLING

Other Precautions:

NONE SUGGESTED BY THE MFGR.HOWEVER DURING CURE METHANOL IS LIBRATED. PROVIDE ADEQUATE VENTILATION TO AVOID VAPOR CONCENTRATION ABOVE TLV

Fire and Explosion Hazard Information

Flash Point Method:

CC

Flash Point:

=12.2C, 54.F

Flash Point Text:

Autoignition Temp:

Autoignition Temp Text:

N/K

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

WATER FOG, CO2, DRY CHEMICAL, FOAM

Fire Fighting Procedures:

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:

VAPORS ARE HEAVIER THAN AIR AND CAN TRAVEL ALONG GROUND TO REMOTE IGNITION SOURCES.

Physical/Chemical Properties

HCC:

F2

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

=85.C, 185.F

B.P. Text:

Melt/Freeze Pt:

M.P/F.P Text:

N/R

Decomp Temp:

Decomp Text:

N/K

Vapor Pres:

33

Vapor Density:

N/K

Volatile Org Content %:

Spec Gravity:

0.99

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity:

N/P 6

Evaporation Rate & Reference:

Solubility in Water:

SOLUBLE

Appearance and Odor:

ALCOHOL ODOR, LIQUID,SOME COLOR.

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

WATER OR MOISTURE

Materials To Avoid:

OXIDIZING MATERIAL CAN CAUSE A REACTION. REACTS WITH WATER, ACIDS.

Hazardous Decomposition Products:

TITANIUM DIOXIDE, CARBON DIOXIDE, AND TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/R

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

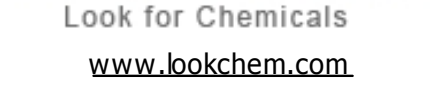
Sara Title III Information: N/P

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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