

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-251/25154-54-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
25154-54-5
Code:
M

RTECS:
CZ7340000
Code:
M

Name:
DINITROBENZENE

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:
Code:

ACGIH TLV:
0.15 PPM (SK)
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NIOSH APPROVED RESPIRATORY. WEAR SCBA IF BURNING OUT CURED COMPOUND.

Ventilation:
LOCAL EXHAUST

Protective Gloves:
RUBBER

Eye Protection:
SAFETY GLOVES.

Other Protective Equipment:
Equipment CLEAN, PROTECTIVE CLOTHING SHOULD BE WORN. EYEWASH STATION

Work Hygienic Practices:
WASH THOROUGHLY AFTER HANDLING

Supplemental Safety and Health:
NOTE TO PHYSICIAN: GASTRIC LAVAGE IN INDICATED. DON'T INDUCE VOMITING.

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:
2 EYES: CORROSIVE, SEVERE IRRITATION. MAY CAUSE CHEMICAL BURNS W/PERMANENT CORNEAL INJURY & SENSITIZATION. SKIN: SEVERE IRRITATION, CORROSIVE, CHEMICAL BURN. INGESTION: IRRITATION/BURNS OF THE MOUTH, TH ROAT & STOMACH, ASPIRATION HAZARD. INHALATION: IRRITATION TO RESPIRATORY TRACT.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
INGESTION: NAUSEA/ABDOMINAL PAIN/COLLAPSE. INHALATION: HEADACH/VOMITING/NAUSEA. EYES: BLINDNESS. SKIN: BLISTERING.

Medical Cond Aggravated By Exposure:
PULMONARY & DERMATOLOGICAL DISORDERS.

First Aid:
INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OZYGEN IF NECESSARY. EYES: FLUSH W/WATER FOR 15 MINUTES. SKIN: WASH AFFECTED AREA W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING. INGESTION: DON'T INDUCE VOMITING. GIVE WATER/MILK IF VICTIM IS NOT DROWSY, SHOULD VOMITING OCCUR. KEEP VICTIM'S HEAD BELOW HIPS TO AVOID ASPIRATION INTO THE LUNGS, ASPIRATION HAZARD. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
VENTILATE AREA. WEAR APPROPRIATE PROTECTIVE EQUIPMENT DURING CLEANUP. ABSORB ONTO INERT MATERIAL. SWEEP INTO CONTAINERS W/LIDS. COVER LOOSELY & REMOVE TO APPROPRIATE WASTE AREA. WASH AREA W/SOAP & WATER. CONTAIN SPILL.

Neutralizing Agent:
N/K

Waste Disposal Methods:
PER ALL LOCAL, STATE & FEDERAL REGULATIONS CONCERNING HEALTH AND POLLUTION FOR DISPOSAL PROCEDURES.

Handling And Storage Precautions:
AVOID CONTACT W/EYES. SKIN AND CLOTHING. STORE BETWEEN THE TEMPS 30-100 F, INDDOR & REFRIGERATED.

Other Precautions:
KEEP OUT OF REACH OF CHILDREN.

Fire and Explosion Hazard Information

Flash Point Method:
TCC

Flash Point:

Flash Point Text:
> 200F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
FOAM, CO2, DRY CHEMICAL, ALCOHOL

Fire Fighting Procedures:
WEAR NIOSH/MSHA APPROVED RESPIRATOR WHEN FIGHTING FIRES IN CONFINED AREAS. WATER MAY BE USED TO SPRAY EXPOSED CONTAINERS. 3

Unusual Fire/Explosion Hazard:
WATER STREAM DIRECTED INTO FIRE MAY CAUSE FROTHING W/SUBSEQUENT SPREAD OF THE FIRE.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
>1

Volatile Org Content %:

Spec Gravity:
0.96

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
(BUAC=1):

Solubility in Water:
APPRECIABLE

Appearance and Odor:
WHITE VISCOUS

Percent Volatiles by Volume:
0

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES 4

Stability Condition To Avoid:
TEMP < 30 &> 100 F

Materials To Avoid:
STRONG OXIDIZING AGENTS/STRONG BASES/MINERAL ACIDS

Hazardous Decomposition Products:
OXIDES OF CARBON, TOXIC OXIDES OF NITROGEN, ACIRD SMOKE AND FUMES, PHENOL.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
REACTION W/SIGNIFICANT QUANTITIES OF EPOXY RESINS CAN GENERATE HEAT.

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

LookChem
Look for Chemicals
www.lookchem.com

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

WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.