

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-121/121-54-0.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
121-54-0  
**Code:**  
M

**RTECS:**  
BO7175000  
**Code:**  
T

**Name:**  
BENZYL DIMETHYL(.2-.(2-.(P-(1,1,3,3-TETRAMETHYL

**Other REC Limits:**

N/P

**OSHA PEL:**  
N/P  
**Code:**

**OSHA STEL:**  
N/P  
**Code:**

**ACGIH TLV:**  
N/P  
**Code:**

**ACGIH STEL:**  
N/P  
**Code:**

## Control Measures

### Respiratory Protection:

WEAR NIOSH APPROVED RESPIRATOR IF REQUIRED

### Ventilation:

LOCAL EXHAUST: IN OPEN AREAS. MECHANICAL (GENERAL): IN CONFINED AREAS.

### Protective Gloves:

IMPERVIOUS GLOVES

### Eye Protection:

GOOGLES

### Other Protective Equipment:

Equipment BARRIER CREAMS, ARPONS, OVERALLS TO AVOID CONTACT

### Work Hygienic Practices:

OBSERVE CONDITIONS OF GOOD INDUSTRIAL HYGIENE - NO EATING, SMOKING OR DRINKING.

### Supplemental Safety and Health:

NO DATA PROVIDED BY MANUFACTURER

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL, LD50= > 800 MG/KG

### Route Of Entry Inds - Inhalation:

NO

### Skin:

YES

### Ingestion:

YES

### Carcinogenicity Inds - NTP:

NO

### IARC:

NO

### OSHA:

NO

### Health Hazards Acute And Chronic:

2 PROLONGED CONTACT OF PRODUCT WITH SKIN MAY CAUSE IRRITATION, POSSIBLE ALLERGIC REACTION.

### Explanation Of Carcinogenicity:

NTP: NONE. IARC: NONE. OSHA: NONE.

### Signs And Symptoms Of Overexposure:

REPEATED CONTACT WITH SKIN MAY CAUSE DRYING OF SKIN WITH MODERATE IRRITATION. SOME ALLERGIC PROPERTIES EXPERIENCED.

### Medical Cond Aggravated By Exposure:

PRE-EXISTING EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO PRODUCT.

### First Aid:

INHALATION: REMOVE TO FRESH AIR. EYE: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SKIN: WASH THOROUGHLY WITH SOAP AND WATER. INGESTION: DRINK PLENTY OF WATER, CALL PHYSICIAN.

### Spill Release Procedures:

SOAK UP MATERIAL WITH ABSORBENT MATERIALS AND PLACE IN TIGHT CONTAINER.

### Neutralizing Agent:

NO DATA PROVIDED BY MANUFACTURER

### Waste Disposal Methods:

PLACE IN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

### Handling And Storage Precautions:

STORE IN CLOSED CONTAINERS AWAY FROM HEAT.

### Other Precautions:

NONE

## Fire and Explosion Hazard Information

### Flash Point Method:

N/P

### Flash Point:

>101.1C, 214F

### Flash Point Text:

>101.1C, 214F

### Autoignition Temp:

NA

### Autoignition Temp Text:

N/P

### Lower Limits:

NA

### Upper Limits:

NA

### Extinguishing Media:

DRY POWDER, FOAM, CARBON DIOXIDE

### Fire Fighting Procedures:

FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS

### Unusual Fire/Explosion Hazard:

DECOMPOSITION PRODUCTS MAY BE TOXIC 3

## Physical/Chemical Properties

### HCC:

N1

### NRC/State LIC No:

N/R

### Net Prop WT For Ammo:

N/P

### Boiling Point:

=100.0C, 212F

### B.P. Text:

=100.0C, 212F

### Melt/Freeze Pt:

=3C, 32.5F

### M.P/F.P. Text:

FREEZING POINT

### Decomp Temp:

NA

### Decomp Text:

N/P

### Vapor Pres:

NA

### Vapor Density:

NA

### Volatile Org Content %:

NA

### Spec Gravity:

1.052 (H2O=1)

### VOC Pounds/Gallon:

NA

### pH:

N/P

### VOC Grams/Liter:

NA

### Viscosity:

N/P

### Evaporation Rate & Reference:

1.2 (WATER=1)

### Solubility in Water:

INFINITE (COMPLETELY MISC)

### Appearance and Odor:

BLUSH TRANSPARENT LIQUID - SLIGHTLY PUNGENT ODOR

### Percent Volatiles by Volume:

N/P

### Corrosion Rate:

N/P

### Other Precautions:

NONE

## Reactivity Data

### Reactivity Indicator:

YES

### METAL NITRATES To Avoid:

METAL NITRATES

### METALS To Avoid:

METALLIC SURFACES FOR PROLONGED TIME PERIODS (PH 5) 4

### Hazardous Decomposition Products:

NO DATA PROVIDED BY MANUFACTURER

### Hazardous Polymerization Indicator:

NO

### Conditions To Avoid Polymerization:

WILL NOT OCCUR

## 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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