

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-111/111-29-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
111-29-5
Code:
M

RTECS:
SA0480000
Code:
M

Name:
1,5-PENTANEDIOL

Other REC Limits:
N/K

OSHA PEL:
NOT APPLICABLE
Code:
M

OSHA STEL:
ACGIH TLV: NOT APPLICABLE
Code:
1 OSHA STEL:

ACGIH TLV:
NOT APPLICABLE
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

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

Ventilation:
NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:
IMPERVIOUS GLOVES (FP N).

Eye Protection:
CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment:
Equipment NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:
NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health:
MFR TRADE NAME/PART NO: DESKWRITER C, 51625A. LD50: RED, BLACK & YELLOW INKS)

Health Hazards Data

LD50LC50Mixture:
LD50:(ORAL)>2000 MG/KG (BLUE,(SUPP DATA)

Route Of Entry Inds - Inhalation:
NO

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE: SKIN/EYE: ALL INKS NON-IRRITATING. DYES IN INK MAKE EXPOSURE EASY TO DETECT. SYMPTOMS OF EXPOSURE ARE DESCRIBED BELOW. EYE: CONTACT WITH EYES MAY CAUSE IRRITATION. 2 SKIN: NONE OF THE INKS ARE TOX IC BY SKIN CONTACT. CONTACT W/SKIN MAY CAUSE IRRITATION. INGEST: INGESTION OF INK MAY RESULT IN GASTRIC DISTURBANCES.

Explanation Of Carcinogenicity:
NOT RELEVANT

Signs And Symptions Of Overexposure:
SEE HEALTH HAZARDS.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
EYE: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MIN. SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. INGEST: DILUTE WITH WATER. GET MEDICAL ATTENTION. INHAL: REMOVE TO FRESH AIR. SUPPORT BREATHIN G (GIVE O*2/ARTF RESP)(FP N).

Spill Release Procedures:
USE ABSORBENT TOWEL TO WIPE UP INK. RINSE AREA WITH DAMP CLOTH TO REMOVE REMAINING TRACES OF INK.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS.

Handling And Storage Precautions:
KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT BETWEEN THE GOLD CARTRIDGE FACE AND EYES, SKIN AND CLOTHING.

Other Precautions:
RAPID REMOVAL OF INK WITH SOAP AND WATER FROM SKIN PREVENTS IRRITATION AND STAINING.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
>255F,>124C

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

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

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

Unusual Fire/Explosion Hazard:
NONE SPECIFIED BY MANUFACTURER. 3

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
>230F,>110C

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
15 @ 20C

Vapor Density:
3.0

Volatile Org Content %:

Spec Gravity:
1.1

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
COMPLETELY MISCIBLE

Appearance and Odor:
COLORED LIQUID, PRACTICALLY ODORLESS

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid:
NONE

Hazardous Decomposition Products:
NONE 4

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