

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-411/41137-60-4.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

41137-60-4

**Code:**

M

**RTECS:****Code:**

X

**Name:**

11,14-DIOXA-2,9-DIAZAHEPTADEC-16-ENOIC ACID-, 4,

**Other REC Limits:**

NONE RECOMMENDED

**OSHA PEL:**

NOT DETERMINED

**Code:**

M

**OSHA STEL:**

N/P

**Code:****ACGIH TLV:**

NOT DETERMINED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

NOT APPLICABLE.

**Ventilation:**

7 USE IN WELL-VENTILATED AREA.

**Protective Gloves:**

NITRILE.

**Eye Protection:**

AVOID EYE CONTACT.

**Other Protective Equipment:**

Equipment NO DATA PROVIDED BY MANUFACTURER.

**Work Hygienic Practices:**

DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. WASH EXPOSED AREAS THOROUGHLY WITH SOAP AND WATER. WASH HANDS AFTER HANDLING AND BEFORE EATING. DO NOT INGEST.

**Supplemental Safety and Health:**

NOTE FROM DLA-HMIS STAFF: FOR COMPLETE LISTING OF ALL ID NBMERS/UPC OBTAIN ORIGINAL MSDS AT: [HTTP://PRODUCTS.3M.COM/US/MSDS/SEARCHRESULTS.JHTML](http://PRODUCTS.3M.COM/US/MSDS/SEARCHRESULTS.JHTML)

## Health Hazards Data

**LD50/LC50 Mixture:**

NO DATA PROVIDED BY MANUFACTURER

**Route Of Entry Inds - Inhalation:**

N/P

**Skin:**

N/P

**Ingestion:**

N/P

**Carcinogenicity Inds - NTP:**

N/P

**IARC:**

N/P

**OSHA:**

N/P

**Health Hazards Acute And Chronic:**

EYE: MILD EYE IRRITATION: SKIN: ALLERGIC SKIN REACTION, MILD SKIN IRRITATION (AFTER PROLONGED OR REPEATED CONTACT). INHALATION: IRRITATION (UPPER RESPIRATORY). IF SWALLOWED: SWALLOWING A RELATIVELY LARGE AMOUNT OF THIS MATERIAL IS UNLIKELY TO PRODUCE SERIOUS ILLNESS OR DEATH.

**Explanation Of Carcinogenicity:**

NO DATA PROVIDED BY MANUFACTURER.

**Signs And Symptoms Of Overexposure:**

EYE: REDNESS, SWELLING, PAIN AND TEARING. SKIN: REDNESS, SWELLING, BLISTERING AND ITCHING. SKIN: REDNESS, SWELLING AND ITCHING. INHALATION: SORENESS OF THE NOSE AND THROAT, COUGHING AND SNEEZING.

**Medical Cond Aggravated By Exposure:**

NO DATA PROVIDED BY MANUFACTURER.

**First Aid:**

EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER. GET IMMEDIATE MEDICAL ATTENTION. SKIN CONTACT: FLUSH SKIN WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. IMMEDIATELY WASH SKIN WITH SOAP AND LARGE AMOUNTS OF WATER. REMOVE CONTAMINATED CLOTHES. WASH CONTAMINATED CLOTHES BEFORE REUSE.

INHALATION: REMOVE PERSON TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING DIFFICULT, GIVE OXYGEN. GET IMMEDIATE MEDICAL ATTENTION. IF SWA

**Spill Release Procedures:**

CLEAN UP RESIDUE. PLACE IN A CLOSED CONTAINER. REFER TO OTHER SECTIONS OF THIS MSDS FOR INFORMATION REGARDING PHYSICAL AND HEALTH HAZARDS, RESPIRATORY PROTECTION, VENTILATION AND PERSONAL PROTECTIVE EQUIPMENT. CLEAN UP RESIDUE. PLACE IN A CLOSED CONTAINER.

**Neutralizing Agent:**

6 NO DATA PROVIDED BY MANUFACTURER

**Waste Disposal Methods:**

DISPOSE OF WASTE PRODUCT IN A SANITARY LANDFILL.

**Handling And Storage Precautions:**

STORE IN A COOL PLACE. STORE OUT OF DIRECT SUNLIGHT. KEEP CONTAINER DRY.

**Other Precautions:**

NO DATA PROVIDED BY MANUFACTURER.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:****Flash Point Text:**

N/A

**Autoignition Temp:**

N/D

**Autoignition Temp Text:**

N/D

**Lower Limits:**

N/D

**Upper Limits:**

N/D

**Extinguishing Media:**

NON-COMBUSTIBLE. CHOOSE MATERIAL SUITABLE FOR SURROUNDING FIRE.

**Fire Fighting Procedures:**

NOT DETERMINED.

**Unusual Fire/Explosion Hazard:**

NOT DETERMINED.

## Physical/Chemical Properties

**HCC:**

N1

**N/R State Lic No:**

N/R

**Net Prod WT For Ammo:**

N/R

**Boiling Point:**

N/A

**B.P. Text:**

N/A

**Melt/Freeze Pt:**

N/D

**Decomp Temp:**

N/P

**Decomp Text:**

N/P

**Vapor Pres:**

N/A

**Vapor Density:**

N/A

**Volatile Org Content %:**

N/D

**Spec. Gravity:**

CA. 2.1 G/ML

**VOC Pounds/Gallon:**

N/R

**PH:**

N/A

**VOC Grams/Liter:**

N/R

**Evaporation Rate & Reference:**

NIL 8

**Solubility in Water:**

N/D

**Appearance and Odor:**

TOOTH COLORED PASTE WITH SLIGHT ACRYLATE ODOR.

**Percent Volatiles by Volume:**

N/D

**Corrosion Rate:**

N/P

**WILL NOT OCCUR. Avoid Polymerization:**

NO DATA PROVIDED BY MANUFACTURER.

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

STABLE

**Materials To Avoid:**

NONE KNOWN.

**Hazardous Decomposition Products:**

NONE KNOWN.

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

NO DATA PROVIDED BY MANUFACTURER.

## Toxicological Information

**Information:**

N/P

**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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