

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-313/3130-19-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

3130-19-6

**Code:**

M

**RTECS:**

**Code:**

X

**Name:**

CYCLOALIPHATIC EPOXY RESN % low Wt: 40. Code:

**Other REC Limits:**

N/P

**OSHA PEL:**

see Table Z-2

**Code:**

T

**OSHA STEL:**

N/P

**Code:**

**ACGIH TLV:**

188 MG/M3;50 PPM

**Code:**

T

**ACGIH STEL:**

NOT ESTABLISHED

**Code:**

T

## Control Measures

**Respiratory Protection:**

NIOSH APPROVED ORGANIC VAPOR CARTRIDGE OR RESPIRATOR DESIGNED TO REMOVE COMBINATION OF PARTICULATES & VAPOR WHERE CONCENTRATIONS ARE ENCOUNTERED.

**Ventilation:**

LOCAL EXHAUST CAPABLE OF MINIMIZING VAPOR CONCENTRATIONS. USE WITH ADEQUATE VENTILATION.

**Protective Gloves:**

5 IMPERVIOUS GLOVES (FP N).

**Eye Protection:**

ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N).

**Other Protective Equipment:**

Equipment EYE WASH DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N).

**Work Hygienic Practices:**

PRACTICE REASONABLE CARE AND CLEANLINESS. WASH OFF WITH SOAP AND WATER.

**Supplemental Safety and Health:**

FIRST AID PROC: AIRBORNE INHALATION. IF SILICA IS ENCAPSULATED IN COATING NO EXPOSURE TO AIRBORNE DUSTS IS TO BE EXPECTED. HOWEVER, DURING REMOVAL BY MECHANICAL ABRASION, APPROPRIATE SAFETY PRACTICES SHOULD BE FOLLOWED TO PREVENT INHALATION OF AIRBORNE DUSTS.

## Health Hazards Data

**LD50/LC50 Mixture:**

N/P

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

ACUTE OVEREXPOSURE: IRRITANT TO SKIN, EYES AND RESPIRATORY TRACT. CHRONIC OVEREXPOSURE: PROLONGED BREATHING OF VAPORS CAN CAUSE DIZZINESS, NAUSEA, AND HEADACHE. REPEATED CONTACT CAN CAUSE DEFATTING AND DERMITITIS.

**Explanation Of Carcinogenicity:**

N/P

**Signs And Symptoms Of Overexposure:**

SEE HEALTH HAZARDS.

**Medical Cond Aggravated By Exposure:**

N/P

**First Aid:**

EYE CONT: FLUSH IMMEDIATELY W/LARGE VOLUMES OF WATER FOR AT LST 15 MINUTES. TAKE TO PHYSICIAN FOR MEDICAL TREATMENT. SKIN CONT: WASH AREA W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING. CONSULT PHYSICIAN IF IRRITATION PERSISTS. INGEST: DRINK 1-2 GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. SILICA SAND - CONTAINS <0.1% CRYSTALLINE SILICA - INHALED IN FORM OF QUARTZ OR CRYSTALLINE IS CARCINOGENIC TO

**Spill Release Procedures:**

ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND PICK UP WITH SHOVEL. ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES INCLUDING PILOT LIGHTS, ELECTRICAL SPARKS). STOP SPILL AT SOURCE.

**Neutralizing Agent:**

N/P

**Waste Disposal Methods:**

PLACE IN CLOSED CONTAINERS. DO NOT CLOSE CONTAINERS TIGHTLY AS GASSING MAY DEVELOP IN SOME PRODUCTS. CAREFULLY INCINERATE OR USE SANITARY LAND FILL IN ACCORDANCE WITH LOCAL 4 AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**

PRACTICE REASONABLE CARE AND CLEANLINESS. DO NOT STORE OR USE NEAR HEAT, SPARKS OR OPEN FLAME.

**Other Precautions:**

AVOID GROSS CONTAMINATION OF SKIN. WASH OFF WITH SOAP AND WATER.

## Fire and Explosion Hazard Information

**Flash Point Method:**

TCC

**Flash Point:**

=216.1C, 421.F

**Flash Point Text:**

**Autoignition Temp:**

**Autoignition Temp Text:**

N/P

**Lower Limits:**

N/A

**Upper Limits:**

N/A

**Extinguishing Media:**

MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).

**Fire Fighting Procedures:**

USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

**Unusual Fire/Explosion Hazard:**

DOT CLASSIFICATION - PAINT (NOT REGULATED).

## Physical/Chemical Properties

**HCC:**

**NRC/State Lic No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**

N/P

**M.P./F.P. Text:**

N/P

**Decomp Temp:**

N/P

**Decomp Text:**

N/P

**Vapor Pres:**

3.1

**Vapor Density:**

2

**Volatile Org Content %:**

Spec Gravity:

1.56 (FP N).

**VOC Pounds/Gallon:**

PH: N/P

**VOC Grams/Liter:**

N/P

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

0.12 BUAC =1

**Corrosion Rate:**

N/P

**Solubility in Water:**

N/P 6

**Appearance and Odor:**

N/P

**100% Volatiles by Volume:**

<1

**Corrosion Rate:**

N/P

**Neutralizing Agent:**

N/P

**Waste Disposal Methods:**

PLACE IN CLOSED CONTAINERS. DO NOT CLOSE CONTAINERS TIGHTLY AS GASSING MAY DEVELOP IN SOME PRODUCTS. CAREFULLY INCINERATE OR USE SANITARY LAND FILL IN ACCORDANCE WITH LOCAL 4 AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**

PRACTICE REASONABLE CARE AND CLEANLINESS. DO NOT STORE OR USE NEAR HEAT, SPARKS OR OPEN FLAME.

**Other Precautions:**

AVOID GROSS CONTAMINATION OF SKIN. WASH OFF WITH SOAP AND WATER.

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

AVOID CONTACT WITH ACIDS AND OXIDIZING AGENTS.

**Materials To Avoid:**

AVOID CONTACT WITH ACIDS AND OXIDIZING AGENTS.

**Hazardous Decomposition Products:**

THERMAL DECOMPOSITION MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE AND OXIDES OF NITROGEN.

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/P

**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



Look for Chemicals

[www.lookchem.com](http://www.lookchem.com)

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

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 product information in this document is based on the present state of our knowledge and is applicable to the product as it is currently manufactured. Lookchem shall not be 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.