

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-597/5979-28-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
5979-28-2  
**Code:**  
M  
**RTECS:**  
  
**Code:**  
X  
**Name:**  
PIGMENT YELLOW 16 (NON-HAZ)  
**Other REC Limits:**  
NONE RECOMMENDED  
**OSHA PEL:**  
NOT ESTABLISHED  
**Code:**  
M  
**OSHA STEL:**  
  
**Code:**  
  
**ACGIH TLV:**  
NOT ESTABLISHED  
**Code:**  
M  
**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
WHEN SPRAYING OR APPLYING IN ANY CIRCUMSTANCES LIKELY TO PRODUCE AIRBORNE LEVEL OF HAZARDOUS INGREDIENTS IN EXCESS OF TLV, USE ORGANIC VAPOR CARTRIDGE OR AIR-SUPPLIED RESPIRATOR.  
**Ventilation:**  
GENERAL TO MAINTAIN VAPORS BELOW TLV & PEL.  
**Protective Gloves:**  
SOLVENT RESISTANT REQUIRED FOR SPRAYING.  
**Eye Protection:**  
CHEMICAL GOGGLES OR FULL FACE SHIELD  
**Other Protective Equipment:**  
Equipment PROTECTIVE CLOTHING, SAFETY SHOWER, EYEBATH, WASHING FACILITIES SHOULD BE AVAILABLE.  
**Work Hygienic Practices:**  
NK  
**Supplemental Safety and Health:**  
NK

## Health Hazards Data

**LD50LC50Mixture:**  
NK  
**Route Of Entry Inds - Inhalation:**  
YES  
**Skin:**  
YES  
**Ingestion:**  
YES 3  
**Carcinogenicity Inds - NTP:**  
NO  
**IARC:**  
NO  
**OSHA:**  
NO  
**Health Hazards Acute And Chronic:**  
EYE: BURN/TEAR/RED/TRANSEINT CORNEAL INJURY/SWELLING/CONJUNCTIVITIS. SKIN: DRY/CRACKED/ALLERG RASH/IRRIT/DERMATITIS/DAMAGE. INHAL: DIZZY/DROWSY/FATIGUE/NASAL/RESP IRRIT. CNS: DIZZY/WEAK/FATIGUE/NAUSEA /HEADACHE/UNCONACIOUS. LIVER/KIDNEY DAMAGE/COUGH/CHEST PAIN/THROAT IRRIT. INGEST: DROWSY/DIZZY/NAUSEA. CHRONIC: \*  
**Explanation Of Carcinogenicity:**  
NK  
**Signs And Symptions Of Overexposure:**  
\*PENETRATING ULCERS OF SKIN/MUCOUS MEMBRANES OF NOSE/PERFORATION OF CARTILAGINOUS NASAL SEPTUM.  
**Medical Cond Aggravated By Exposure:**  
NK  
**First Aid:**  
EYE: FLUSH W/WATER 15 MINUTES. GET MEDICAL AID. SKIN: WASH W/SOAP & WATER/NO SOLVENTS. REMOVE CONTAM CLOTHES/WASH BEFORE REUSE. GET MEDICAL AID. INHALATION: GET FRESH AIR. GIVE ARTIFICIAL RESP/CPR IF TROUBLE BREATHING. GET MEDICAL AID. INGESTION: GET MEDICAL AID.  
**Spill Release Procedures:**  
KEEP FROM IGNITS. USE AIR-SUPPLIED RESPIRATOR FOR UNVENTED SPILL. COVER W/ABSORBENT. SWEEP INTO CONTAINER. CLEAN RESIDUE W/SUITABLE SOLVENT. CERCLA RQ N-BUAC = 5000 LBS, CYCLOHEXANONE = 5000 LBS, MEK = 5000 LBS.  
**Neutralizing Agent:**  
NK  
**Waste Disposal Methods:**  
IN ACCORDANCE W/LOCAL, STATE, FEDERAL REGULATIONS.  
**Handling And Storage Precautions:**  
KEEP CONTAINER TIGHTLY CLOSED. KEEP FROM HEAT/OTHER IGNITS. DON'T STORE >120F.  
**Other Precautions:**  
EMPTY DRUMS MAY CONTAIN EXPLOSIVE VAPORS. DON'T CUT, PUNCTURE, WELD ON/NEAR DRUM. VAPORS >AIR MAY COLLECT IN LOW/CONFINED AREA.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
SCC  
**Flash Point:**  
  
**Flash Point Text:**  
40.0F,4.4C  
**Autoignition Temp:**  
  
**Autoignition Temp Text:**  
NK  
**Lower Limits:**  
NK  
**Upper Limits:**  
NK  
**Extinguishing Media:**  
CARBON DIOXIDE, DRY CHEMICAL, FOAM.  
**Fire Fighting Procedures:**  
4 COOL EXPOSED CNTNRS W/WATER. FOG NOZZELS PREFERRED. USE NIOSH/MSHA APPROVED SCBA/PROTECTIVE CLOTHING TO PREVENT CONTACT W/SKIN/EYES.  
**Unusual Fire/Explosion Hazard:**  
VAPORS ACCUMULATE/FORM EXPLOSIVE MIXTURES W/AIR/TRAVEL LONG DISTANCE/FLASH BACK/FLAME. CLOSED CONTAINERS MAY EXPLODE W/EXTREME HEAT.

## Physical/Chemical Properties

**HCC:**  
  
**NRC/State LIC No:**  
NK  
**Net Prop WT For Ammo:**  
  
**Boiling Point:**  
  
**B.P. Text:**  
175 TO 329F  
**Melt/Freeze Pt:**  
  
**M.P/F.P Text:**  
NK  
**Decomp Temp:**  
  
**Decomp Text:**  
NK  
**Vapor Pres:**  
NK  
**Vapor Density:**  
>AIR  
**Volatile Org Content %:**  
  
**Spec Gravity:**  
1.322  
**VOC Pounds/Gallon:**  
  
**PH:** NK  
**VOC Grams/Liter:**  
517  
**Viscosity:**  
NK  
**Evaporation Rate & Reference:**  
UNAVAILABLE  
**Solubility in Water:**  
NK  
**Appearance and Odor:**  
GREEN LIQUID, SOLVENT ODOR  
**Percent Volatiles by Volume:**  
55.4  
**Corrosion Rate:**  
NK 5

## Reactivity Data

**Stability Indicator:**  
YES  
**Stability Condition To Avoid:**  
NONE RECOGNIZED  
**Materials To Avoid:**  
NONE RECOGNIZED  
**Hazardous Decomposition Products:**  
CARBON DIOXIDE, CARBON MONOXIDE  
**Hazardous Polymerization Indicator:**  
NO  
**Conditions To Avoid Polymerization:**  
NK

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

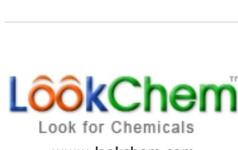
**Information:**N/P

## 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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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.