

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-684/684/8-92-2.html> for suppliers of this product.

### Composition/Information on Ingredient

88478-92-2

**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
PLATINUM, 1,3-DIETHENYL-1,1,3,3-TETRAMETHYLDISIOL

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/K

**Code:**  
M N/P

**ACGIH STEL:**  
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem  
1 ACGIH STEL:

### Respiratory Protection:

**Ventilation:**  
LOCAL EXHAUST/EXPLOSION PROOF MECHANICAL VENTILATION

**Protective Gloves:**  
IMPERVIOUS

**Eye Protection:**  
CHEMICAL GOGGLES & FACE SHIELD

**Other Protective Equipment:**  
Equipment IMPERVIOUS CLOTHING

**Work Hygienic Practices:**

## Health Hazards Data

ORAL LD50(RAT): 4300 MG/KG XYLENE

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
EYES: SEVERE IRRITATION/CONJUNCTIVITIS/CORNEAL DAMAGE. SKIN: IRRITATION/ABSORPTION. INHALATION: IRRITATION/DAMAGE TO LUNGS. HARMFUL, INGESTION: MILD IRRITATION, HARMFUL. MAY CAUSE NERVOUS SYSTEM DEPRESSION/POSSIBLE DEATH. INHALATION OF MISTS/DROPLETS CAN RESULT IN CHEMICAL PNEUMONITIS & PULMONARY EDEMA/DEATH. (SEE SUPP

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptoms Of Overexposure:**  
IRRITATION, DEFATTING, RASHES, RAPID BREATHING, EXCITABILITY, INTOXICATION, CONFUSION, STAGGERING, HEADACHE, FATIGUE, NAUSEA/VOMITING, DIZZINESS, DROWSINESS, NARCOSIS, LOSS OF CONSCIOUSNESS, CONVULSIONS, COMA, COUGHING, DIFFICULT BREATHING, CYANOSIS, BRONCHITIS/FEVER, DRYING, CRACKING, BLEEDING

**Medical Cond Aggravated By Exposure:**  
N/K

**First Aid:**  
EYES: FLUSH W/CLEAN WATER FOR 15 MINS. DON'T APPLY OILS/OINTMENTS. SKIN: SCRUB W/SOAP & WATER, APPLY LANOLIN OINTMENT. INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NECESSARY. IF CONSCIOUS/DIFFICULT BREATHING, GIVE POSITIVE PRESSURE OXYGEN. INGESTION: ASPIRATION HAZARD. DON'T INDUCE VOMITING. GIVE 1 TABLESPOON OF MINERAL OIL, A TABLESPOON OF SODIUM/MAGNESIUM SULFATE DISSOLVED IN WATER.SUPP

**Spill Release Procedures:**  
ABSORB MATERIAL W/SUITABLE CHEMICAL BINDER. SHOVEL ABSORBENT INTO SUITABLE WASTE CONTAINER. DON'T FLUSH AREA W/WATER; DON'T CONTAMINATE SOIL, GROUNDWATER/INCINERATE.

**Neutralizing Agent:**  
N/K 2

**Waste Disposal Methods:**  
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS. FLAMMABLE LIQUID UN1993.

**Handling And Storage Precautions:**

## Fire and Explosion Hazard Information

Flash Point Method:  
CC

**Flash Point:**

**Flash Point Text:**  
86F

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
1

**Upper Limits:**  
7

**Extinguishing Media:**  
CO2, FOAM, DRY CHEMICAL, WATER SPRAY/FOG

**Fire Fighting Procedures:**  
WEAR POSITIVE PRESSURE, SELF CONTAINED BREATHING APPRATUS & FULL PROTECTIVE CLOTHING.

**Unusual Fire/Explosion Hazard:**  
FLAMMABLE LIQUID.

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
280.4F

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
53.6-55.4F

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
7

**Vapor Density:**  
3.7

**Volatile Org Content %:**

**Spec Gravity:**  
0.9

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Ref:**  
N/K

**Solubility in Water:**

N/K

<b>Reactivity Data</b>
<b>Stability Indicator:</b> YES
<b>Stability Condition To Avoid:</b> DIRECT SUNLIGHT, HEAT, SPARKS/OTHER IGNITION SOURCES
<b>Materials To Avoid:</b> REDUCING AGENTS, OXIDIZING AGENTS, WATER
<b>Hazardous Decomposition Products:</b> HYDROGEN
<b>Hazardous Polymerization Indicator:</b> NO
<b>Conditions To Avoid Polymerization:</b> N/K
<b>Toxicological Information</b>

**Information:**N/P

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Regulatory

**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