

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-684/68478-92-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

68478-92-2

**Code:**

M

**RTECS:**

**Code:**

X

**Name:**

PLATINUM, 1,3-DIETHENYL-1,1,3,3-TETRAMETHYLDISILO

**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

**Code:**

1 ACGIH STEL:

## Control Measures

**Respiratory Protection:**

USE CHEMICAL CARTRIDGE RESPIRATOR W/APPROPRIATE CANNISTER/SUPPLIED AIR RESPIRATOR.

**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:**

REMOVE/LAUNDER CONTAMINATED CLOTHING &SHOES BEFORE REUSE. 3

**Supplemental Safety and Health:**

HEALTH HAZ CONT'D: INGESTION-ASPIRATION OF MINUTE AMOUNTS OF SOLVENTS INTO THE LUNGS MAY LEAD TO SEVERE PULMONARY INJURY.

## Health Hazards Data

**LD50LC50Mixture:**

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/ointment. 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:**

STORE IN A COOL & DRY PLACE. PROTECT FROM HEAT, DIRECT SUNLIGHT & SOURCE OF IGNITION. CONTAINERS REQUIRE GROUNDING DURING USE.

**Other Precautions:**

STORE AWAY FROM OXIDIZING MATERIALS. MAINTAIN TIGHTLY CLOSED CONTAINERS. PROVIDE ADEQUATE VENTILATION. SINCE EMPTY CONTAINERS RETAIN PRODUCT RESIDUE, FOLLOW HAZARD PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED.

## 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.

## Physical/Chemical Properties

**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 %:**

0.9

**Spec Gravity:**

0.9

**VOC Pounds/Gallon:**

N/K

**PH:**

N/K

**VOC Grams/Liter:**

N/K

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/K

**INSOLUBLE:**

INSOLUBLE

**Appearance and Odor:**

CLEAR YELLOW LIQUID

**Percent Volatiles by Volume:**

97

**Corrosion Rate:**

N/K

**Conditions To Avoid Polymerization:**

N/K

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

DIRECT SUNLIGHT, HEAT, SPARKS/OTHER IGNITION SOURCES

**Materials To Avoid:**

REDUCING AGENTS, OXIDIZING AGENTS, WATER

**Hydrogen Decomposition Products:**

HYDROGEN

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/K

## 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:** N/P

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