



TECHNIC, INC.

MATERIAL SAFETY DATA SHEET

SECTION I**PRODUCT IDENTIFICATION**

TRADE NAME (as labeled):

PLATINUM TP

CHEMICAL NAMES, COMMON NAMES:

Dihydrogen Platinum (2) Dinitrito Sulfate

MANUFACTURER'S NAME & ADDRESS:

Product Code No. 240451 GL

TECHNIC, INC.

1 SPECTACLE STREET

CRANSTON, RI 02910

EMERGENCY PHONE: (401)781-6100

NAME OF PREPARER: WILLIAM A. WILSON

DATE PREPARED: January 29, 1998

24 hour Emergency: Chem Trec 1-800-424-9300

SECTION II**HAZARDOUS INGREDIENTS****CHEMICAL NAMES****CAS NUMBER****PERCENT****EXPOSURE LIMITS**Dihydrogen Platinum
(2) Dinitrito Sulfate

12033-81-7

Variable
1-3%TLV = 0.002 mg/M³ ACGIH
as Pt

This material is not regulated as a toxic chemical under Section 313 of Title III/SARA, and 40 CFR, Part 372.
This material is not listed on the California Proposition 65 list.
All ingredients are listed in the TSCA inventory.
For purposes of the New Jersey Right To Know Law, the contents are partially unknown.

SECTION III**PHYSICAL PROPERTIES**

VAPOR DENSITY (AIR=1)

N.A.

SPECIFIC GRAVITY:

1.10

VAPOR PRESSURE (mm Hg)

N.A.

MELTING POINT (degrees F) N.A.

EVAPORATION RATE (BUTYL ACETATE=1)

N.A.

BOILING POINT (degrees F) N.D.

SOLUBILITY IN WATER:

Very soluble.

APPEARANCE AND ODOR: Dark reddish-brown solution; no odor.

SECTION IV.**FIRE AND EXPLOSION**

FLASH POINT (°F) (METHOD USED):

N.A.

AUTOIGNITION TEMPERATURE, F.

FLAMMABLE LIMITS IN AIR, VOLUME %:

LOWER LIMIT N.A.

UPPER LIMIT N.A.

FIRE EXTINGUISHING MATERIALS:

(If fully involved in a fire.)

☒

WATER SPRAY

☐ CARBON DIOXIDE☐ OTHER:☐ FOAM☐ DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES:

Wear a NIOSH/MSHA approved, self-contained breathing apparatus and full protective gear, if fully involved in a fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Acid fumes at elevated temperatures.

SECTION V HEALTH HAZARD INFORMATION

SYMPTOMS OF OVER-EXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE.

INHALATION: Minor Irritation of lung and nasal tissue.
CONTACT WITH SKIN OR EYES: May cause burns.
ABSORBED THROUGH SKIN: No.
SWALLOWED: Not known.

HEALTH EFFECTS OR RISKS FROM EXPOSURE. EXPLAIN IN LAY TERMS. ATTACH EXTRA PAGE IF MORE SPACE IS NEEDED.

This platinum compound is not allergenic but ionic platinum halogeno complexes are allergenic.

FIRST AID: EMERGENCY PROCEDURES

EYE CONTACT: Flush with water for 15 minutes. Get immediate medical attention.
SKIN CONTACT: Wash area with soap and water. Remove contaminated clothing.
INHALED: Remove person to fresh air. If breathing has stopped, give artificial respiration. Get medical attention.
SWALLOWED: Do not induce vomiting. Give person large amounts of water. Get medical attention immediately.

SUSPECTED CANCER AGENT? ☒ NO ☐ YES

SECTION VI REACTIVITY DATA

STABILITY: ☒ STABLE ☐ UNSTABLE

CONDITIONS TO AVOID: Avoid reactions leading to formation of allergenic ionic compounds.

INCOMPATIBILITY (MATERIALS TO AVOID): Organic solvents.

HAZARDOUS DECOMPOSITION PRODUCTS (INCLUDING COMBUSTION PRODUCTS): Sulfuric acid fumes may be evolved at elevated temperatures.

HAZARDOUS POLYMERIZATION: ☐ MAY OCCUR ☒ WILL NOT OCCUR

CONDITIONS TO AVOID: None.

PAGE 3 OF 3

PRODUCT: PLATINUM TP

SECTION VII **SPILL, LEAK AND DISPOSAL PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Neutralize with sodium bicarbonate. Wipe up neutralized spill and send for recovery.
Use inert plastic storage containers.

WASTE DISPOSAL: SHOULD BE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL
ENVIRONMENTAL CONTROL REGULATIONS.

SECTION VIII **SPECIAL HANDLING INFORMATION**

VENTILATION:	Local exhaust.
RESPIRATORY PROTECTION:	Wear a NIOSH/MSHA approved respirator for concentrated spills.
EYE PROTECTION:	Safety goggles.
GLOVES:	Rubber gloves.
OTHER CLOTHING AND EQUIPMENT:	Not needed.
WORK PRACTICES, HYGIENIC PRACTICES:	Wash thoroughly after handling.
OTHER HANDLING AND STORAGE REQUIREMENTS:	Store in a cool, dry, secure area. Do not take internally.

HAPS*

H	2
F	0
R	1

PERSONAL
IDENTIFICATION
TOTAL P.07