



TECHNIC, INC.

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT IDENTIFICATION

TRADE NAME (as labeled):

PALLADIUM RT

CHEMICAL NAMES, COMMON NAMES:

Proprietary Mixture

MANUFACTURER'S NAME & ADDRESS:

TECHNIC, INC.

1 SPECTACLE STREET

CRANSTON, RI 02910

EMERGENCY PHONE: (401)781-6100

NAME OF PREPARER: WILLIAM A. WILSON

DATE PREPARED: June 1, 1994

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

SECTION II

HAZARDOUS INGREDIENTS

<u>CHEMICAL NAMES</u>	<u>CAS NUMBER</u>	<u>PERCENT</u>	<u>EXPOSURE LIMITS</u>
Palladium ethylenediamine sulfate $C_4H_{16}N_4PdSO_4$	27910-90-3	Variable	TLV = Not established

The remainder of this product consists of non-hazardous ingredients.

This product is not regulated as a toxic chemical under Section 313 of Title III/SARA, and 40 CFR, Part 372.

This product contains no ingredients that are listed on the California Proposition 65 list.

All ingredients are listed in the TSCA inventory.

SECTION III

PHYSICAL PROPERTIES

VAPOR DENSITY (AIR=1)	N.A.	SPECIFIC GRAVITY:	1.086 - 1.095
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	pH	
APPEARANCE AND ODOR:	Light yellow solution, very slight ammoniacal odor.		

SECTION IV.

FIRE AND EXPLOSION

FLASH POINT (°F) (METHOD USED):

N.A. (Does not burn)

AUTOIGNITION TEMPERATURE, F.

N.A.

FLAMMABLE LIMITS IN AIR, VOLUME %:

LOWER LIMIT N.A. UPPER LIMIT N.A.

FIRE EXTINGUISHING MATERIALS:

Use media appropriate for the surrounding fire.

 WATER SPRAY
 FOAM

 CARBON DIOXIDE
 DRY CHEMICAL

 OTHER:

SPECIAL FIREFIGHTING PROCEDURES:

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

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V HEALTH HAZARD INFORMATION

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

INHALATION: May cause irritation of the upper respiratory tract.
Prolonged inhalation could cause asthma.

CONTACT WITH SKIN OR EYES: May cause irritation of the eyes or skin. Burning if contact is prolonged.

ABSORBED THROUGH SKIN: Prolonged exposure could result in material being absorbed through skin with development of sensitization.

SWALLOWED: Causes gastrointestinal irritation or ulceration.
May cause burns of the mouth and throat.

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

Repeated excessive exposures may cause liver and kidney damage.

FIRST AID: EMERGENCY PROCEDURES

EYE CONTACT: Flush eyes with water (under lids) for 15 minutes or longer. Call physician.

SKIN CONTACT: Flush skin with plenty of water. Remove contaminated clothing and shoes.
If irritation persists, consult physician.
Wash contaminated clothing before reuse.

INHALED: Remove to fresh air. Consult physician if effects occur.

SWALLOWED: Do not induce vomiting. Give large amounts of water or milk and transport to medical facility

SUSPECTED CANCER AGENT? ☒ NO ☐ YES

SECTION VI REACTIVITY DATA

STABILITY: ☒ STABLE ☐ UNSTABLE

CONDITIONS TO AVOID: None.

INCOMPATIBILITY (MATERIALS TO AVOID): None.

HAZARDOUS DECOMPOSITION PRODUCTS (INCLUDING COMBUSTION PRODUCTS): Carbon monoxide, carbon dioxide, nitrogen oxides.

HAZARDOUS POLYMERIZATION: ☐ MAY OCCUR ☒ WILL NOT OCCUR

CONDITIONS TO AVOID: None.

SECTION VII SPILL, LEAK AND DISPOSAL PROCEDURES**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Contain spill with inert absorbant. Sweep up into plastic lined container and send to Technic, Inc. for salvage. (Contains palladium)

See Section VIII for employee protection.

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

SECTION VIII SPECIAL HANDLING INFORMATION

VENTILATION:	Local exhaust
RESPIRATORY PROTECTION:	Not normally required. In case of emergency, make sure that an approved air-purifying respirator is used.
EYE PROTECTION:	Safety glasses or chemical goggles.
GLOVES:	Rubber gloves
OTHER CLOTHING AND EQUIPMENT:	Rubber apron (optional)
WORK PRACTICES, HYGIENIC PRACTICES:	Wash thoroughly after handling and before eating or smoking.
OTHER HANDLING AND STORAGE REQUIREMENTS:	Store in a cool, dry place away from lead and food products. Keep containers closed.

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