



TECHNIC, INC.

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT IDENTIFICATION

TRADE NAME (as labeled):

PALLASPEED

CHEMICAL NAMES, COMMON NAMES: Palladium ethylenediamine sulfate

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: August 31, 1995

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

SECTION II

HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBER	PERCENT	EXPOSURE LIMITS
Palladium ethylenediamine sulfate $C_4H_{16}N_4PdSO_4$	27910-90-3	3.60%	TLV = Not established

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

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

For purposes of the New Jersey Right to Know Law, the contents are partially unknown.

All ingredients are listed in the TSCA Inventory.

SECTION III

PHYSICAL PROPERTIES

VAPOR DENSITY (AIR=1)	N.A.	SPECIFIC GRAVITY:	N.D.
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 pink, solution, very slight ammoniacal odor.		

SECTION IV.

FIRE AND EXPLOSION

FLASH POINT (°F) (METHOD USED):

Not applicable (Does not burn)

AUTOIGNITION TEMPERATURE, F.

N.A.

FLAMMABLE LIMITS IN AIR, VOLUME %:

LOWER LIMIT N.A.

UPPER LIMIT N.A.

FIRE EXTINGUISHING MATERIALS:

N.A. WATER SPRAY
N.A. FOAM

N.A. CARBON DIOXIDE
N.A. DRY CHEMICAL

N.A. OTHER:

SPECIAL FIREFIGHTING PROCEDURES:

If fully involved in a fire, wear full protective gear with a NIOSH approved self-contained breathing apparatus

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Emits toxic oxide fumes of nitrogen, carbon and sulfur under thermal decomposition

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 caude 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 gastro intestinal irritation of ulceration. May cause burns of the mouth and throat.

HEALTH EFFECTS OR RISKS FROM EXPOSURE. EXPLAIN IN LAY TERMS. ATTACH EXTRA PAGE IF MOR 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 at least 15 minutes. Consult 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): 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)

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 with side shields or chemical goggles.

GLOVES: Rubber gloves.

OTHER CLOTHING AND EQUIPMENT: Rubber apron is 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 feed and food products.
Keep containers closed.

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