Material Safety Data Sheet May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.	**U.S. Department of Labor** Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072
IDENTITY (*As Used on Label and List)* 24K Gold Plating Pen PL-1003	*Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.*

Section I

Manufacturer's Name Hunter Products, Inc.	Emergency Telephone Number (908) 526-8440
Address (*Number, Street, City, State, and Zip Code)* 792 Partridge Drive, P.O. Box 6795	Telephone Number for Information (908) 526-8440
Bridgewater, NJ 08807	Date Prepared 01/02/11
	Signature of Preparer (*optional)*

Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (*optional)*
Gold Potassium Cyanide	5mg/m^3	N.A.		<2%
Diammonium Hydrogen Citrate	N.A.	N.A.		<20%
Aqua Pura	N.A.	N.A.		Balance

A low concentration aqueous solution.

Gold Potassium Cyanide CAS # 13967-50-5

Diammonium Hydrogen Citrate CAS# 3012-65-5

Section III – Physical/Chemical Characteristics

Boiling Point	≈ 212°F	Specific Gravity (H_20 = 1)	N.A.
Vapor Pressure (mm Hg.)	N.A.	Melting Point	N.A.
Vapor Density (AIR = 1)	N.A.	Evaporation Rate (Butyl Acetate = 1)	N.A.

Solubility in Water
Complete

Appearance and Odor
Odorless and colorless

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
N.A.	N.A.	N.A.	N.A.

Extinguishing Media
N.A.

Special Fire Fighting Procedures
N.A.

Unusual Fire and Explosion Hazards
None

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid Exposure to high temperature.
	Stable	X	
Incompatibility (*Materials to Avoid)* Strong oxidizers (acids)			
Hazardous Decomposition or Byproducts Cyanide			
Hazardous Polymerization	May Occur	N.A.	Conditions to Avoid N.A.
	Will Not Occur		

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	X	X	X

Health Hazards *(Acute and Chronic)*

With sufficient ingestion respiratory failure may occur.

LD50: 21mg/K.G. of body weight. (for pure potassium gold cyanide)

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	N.A.	N.A.	N.A.

Signs and Symptoms of Exposure

Salivation, nausea, vertigo, convulsions and respiratory failure.

Medical Conditions
Generally Aggravated by Exposure N.A.

Emergency and First Aid Procedures

For ingestion, dilute with 3-4 glasses of water or milk. For skin contact, wash with soap and water. For eye contact, flood with water.

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Use standard clean-up procedures with water.

Waste Disposal Method

Dispose in accordance with local regulations.

Precautions to Be Taken in Handling and Storing

Store in cool, dry location. Avoid accidental ingestion or skin contact.

Other Precautions

N.A.

Section VII – Control Measures

Respiratory Protection *(Specify Type)*

N.A.

Ventilation	Local Exhaust	Special
Moderate ventilation.	N.A.	N.A.
	Mechanical *(General)* Moderate ventilation.	Other N.A.

Protective Gloves	Eye Protection
Optional	Optional

Other Protective Clothing or Equipment

N.A.

Work/Hygienic Practices

Wash hands after use and before eating or smoking.

★ U.S.G.P.O.: 1986-491-529/45775