



## Section I - Identification

**Product Name:** Brilliance 24 K Layering System  
**Grade Name:** Gold Powder  
**Manufacturer:** Talladium, Inc.  
27360 West Muirfield Lane  
(661) 295-0900 / (800) 221-6449  
**Issue Date** 9/01/05  
**Revision Date**

## Section II - Composition Information

Substance	C.A.S.	% By Weight	OSHA PEL (mg/m <sup>3</sup> )	ACGIH TLV (mg/m <sup>3</sup> )
Gold	7440	99%	N/E	N/E
Butyl Acetate	123-86-4	^	^	^

^ This material is a Non-Hazardous Substance

## Section III - Health Hazard Data

### Effects of Overexposure

**Eyes:** Particles may cause irritation  
**Skin:** None known  
**Inhalation:** Large amount of dust may cause nuisance conditions – coughing, sneezing and nasal irritation  
**Inhalation:** May cause irritation.

### Emergency and First Aid Procedures

**Eyes:** Flush eyes with water for 15 minutes - Call Physician  
**Skin:** Wash contaminated area with water  
**Inhalation:** Remove to fresh air  
**Ingestion:** Induce vomiting and call physician.

## Section IV - Fire and Explosion Data

**Flash Point:** None  
**Extinguishing Media:** Not Combustible  
**Special Fire Fighting Procedures:** None  
**Unusual Fire & Explosion Hazards:** None

## Section V - Spill or Leak Procedures

**Spill or Leak Procedures:** Sweep or vacuum material into waste container for disposal. If washed down while liquid, may plug drain.

**Waste Disposal:** In accordance with Local, State and Federal Regulation. Recovered dust has a possible intrinsic value.

## Section VI - Special Precautions

Use adequate ventilation to avoid exceeding TLV levels

## Section VII - Special Protection

**Respiratory:** Provide general ventilation and use an NIOSH approved mask respirator.

**Protective Equipment:** Goggles may be needed to avoid splash irritation to the eyes.  
Gloves may be desirable in specific work situations.

## Section VIII - Physical Data

**Boiling Point:** 1065 °F(573 °C)  
**Melting Point:** 2856 °F(1569 °C)  
**Specific Gravity:** 19.32 gm/cc  
**Appearance & Odor:** Brown - Odorless  
**Solubility in Water:** Not Applicable

## Section IX - Reactivity Data

**Stability:** Stable  
**Incompatibility:** Aqua Regia  
**Hazardous Decomposition Products:** Will not occur  
**Polymerization:** Will not occur