

LEACH & DILLON PRODUCTS
161 COMSTOCK PKWY.
CRANSTON, R.I. 02921
#401-464-5850
FAX #401-464-5862

MATERIAL SAFETY DATA SHEET

JANUARY 1997

MSDS 033

1. PRODUCT IDENTIFICATION

Product Name : ReeCast Powder and Paste
Other Designations: N/A

2. Ingredients

	CAS#	OSHA PEL		ACGIH TLV		
		TWA	STEL/CEIL	TWA	STEL/CEIL	%
Gold	77440-57-5	N/A	N/A	N/A	N/A	55-70%
Palladium	7740-05-3	N/A	N/A	N/A	N/A	25-35%
Platinum	7440-06-4	1 mg/m ³	N/A	1 mg/m ³	N/A	0 - 2%
Silver	7440-22-4	0.01 mg/m ³	N/A	0.1 mg/m ³	N/A	0 - 2%
Ruthenium	N/A	N/A	N/A	N/A	N/A	0 - 2%
Paraffin wax	8002-74-2	2mg/ m ³ (fume)	N/A	2mg/m ³ (fume)	N/A	0 - 10%

3. PHYSICAL DATA

Boiling Point: >.1350 C	Melting Point: 1000 - 1350 C
Vapor Pressure: N/A	Vapor Density: N/A
Specific Gravity: .N/A	Solubility in Water: Insoluble
Appearance and Color: gold color powder or paste	Odor: N/A

4. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A	Flammable Limits: N/A
Extinguishing Media: Suitable	
Special Fire Fighting Procedures: Wear self-contained breathing apparatus.	
Unusual Fire and explosion Hazard: N/A	

5. REACTIVITY DATA

Stable: Yes	Conditions to Avoid: N/A
Hazardous Polymerization: Not available	Incompatibility : Aqua regia, hydrogen peroxide
Hazardous Decomposition: N/A	

SILVER

Inhalation: Acute: Argyria, a blue-grey discoloration of the skin, eyed and nucous membranes may result.
Chronic Argyria, discoloration may become permanent.
First Aid: Remove to fresh air.

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REE CAST FLUX

6. HEALTH HAZARD DATA

Inhalation Acute: May cause nasal irritation
Chronic: May cause coughing
First aid; Remove from exposure.

Ingestion: Acute: May cause nausea, vomiting, diarrhea
Chronic: Central nervous system effects,
First Aid: Seek medical attention.

Skin: Acute: May cause irritation to open wounds, dermatitis, burned skin.
Chronic: Central nervous system effects.
First Aid: Wash with soap and water, seek medical attention if irritation persists.

Eyes: Acute : May cause irritation
Chronic: May cause conjunctivitis
First Aid: Flush with water for 15 mins. including under the eyelids.

Medical Conditions Generally Aggravated by Exposure: N/A

Carcinogenicity: None

Signs and Symtoms of Esposure: See Also Above, sneezing, coughing, erythematous flush , macular skin rash.

_7. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case of Spill or Leak: Wear proper protective equipment.
Sweep or vacuum area, rinse area with water.

Disposal: According to all Federal, State and Local regulations

Precautions to be Taken in Handling & Storing : Store in closed containers, protect from physical damage.

8. CONTROL MEASURES

Ventilation and Respiratory Protection: Clean -up people should wear dust respirator to avoid inhalation.

Other Protective Equipment: Gloves, safety glasses.

Work/ Hygienic Practices: Avoid inhalation or ingestion. Practice good housekeeping. Avoid eating and smoking in the work area. Wash thoroughly before eating and smoking. No smoking!

Information and data are taken form sources believed to be reliable and correct, but cannot be warranted by manufacturer. User is responsible to determine suitability of material for specific application.
