Material Safety Data Sheet

TPL Inc.
3921 Academy Parkway NNE
Albuquerque, NM 87109

Emergency Contact: PERS 800-633-8253

Section 1 - Chemical Identification

Name: Barium Strontium Titanate Powder
Other: $\text{Ba}_x\text{Sr}_{1-x}\text{TiO}_3$

Section 2 - Hazards Identification

Label Precautionary Statements: May be harmful by inhalation, on contact with skin, and if swallowed.
Target Organs: None

Section 3 - First Aid Measures

Contact With Skin: Wash with soap & water to remove dust.
Contact With Eyes: Flush with water to remove dust.
Inhalation: Remove victim to fresh air.
Ingestion: Wash out mouth with water. Contact a physician.

Section 4 - Fire Fighting Measures

Extinguishing Media: Non-flammable Material
Special Fire Fighting Measures: None
Unusual Fire and Explosion Hazards: Not Applicable

Section 5 - Accidental Release Measures

Handle with adequate ventilation for nuisance dust; see OSHA 29 CFR 1910.94 and CFR 1910.1000 (air contaminates) for clean-up procedures. Respirators may be required.
Section 6 - Exposure Controls / Personal Protection

Working Conditions: Use with commonly accepted industrial safety procedures. Avoid prolonged inhalation of dust and contact with skin. Wear appropriate PPE, and avoid creating/breathing dust. Wash thoroughly after handling.

Storage: Keep closed and store in a dry place.

Section 7 - Physical and Chemical Characteristics

Vapor Pressure: Not Applicable
Specific Gravity: 5.33
Color: White
Physical Appearance: Powder
Solubility in Water: Insoluble

Section 8 - Stability and Reactivity

Incompatibilities: Strong oxidizing agents.
Hazardous Combustion or Decomposition Products: Nature of decomposition products unknown.

Section 9 - Toxicological Information

May be harmful if swallowed, inhaled, or absorbed through the skin. Causes eye and skin irritation. Material is irritating to mucous membranes and upper respiratory tract.

The chemical, physical; and toxicological properties have not been thoroughly investigated.

LD50 (Intraperitoneal Rat): >3000 mg/kg

Section 10 - Ecological Information

No information available.
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Origination Date: March 7, 2000
Revision Date: March 4, 2006
Revision: 6

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Section 11 - Disposal Considerations
Observe all federal, state, and local environmental regulations.

Section 12 - Transport Information
US DOT Shipping Information  Non-regulated Material
IATA Shipping Information  Non-regulated Material

Section 13 - Regulatory Information
This product is subject to SARA Section 313 reporting requirements and is included in the TSCA inventory.

The above data and conclusions are believed to be correct, but do not purport to be all inclusive and shall be used only as guide. TPL, Inc. shall not be held liable for any damages resulting from handling or from contact with the material.