



MATERIAL SAFETY DATA SHEET

Section 1 – PRODUCT AND SAFETY SUPPLIER INFORMATION

Product Name: Mikrosil Catalyst
Common Name: Catp Universal FUTUR Catalyst Paste
Supplier: Lightning Powder Company, Inc.
13386 International Parkway, Jacksonville, FL 32218
Emergency Telephone: Chemtel® United States (800) 255-3924 International – 813-248-0585 (Collect)
Date Prepared: November 18, 2002

Section 2 – HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>CAS#</u>	<u>Percent</u>	<u>PEL (OSHA)</u>	<u>TLV (ACGIH)</u>
Alkyl Silicate	Unavailable	< 20	170 mg/m ³	No data

Section 3 – PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odor: Blue paste with typical, faint odor.
Specific Gravity: Approx. 1 Solubility in Water: Virtually insoluble
Boiling Point: n/a Melting Point: n/a
Vapor Density: n/a Vapor Pressure (mmHg): n/a
Evaporation Rate: n/a Percent Volatile: 0

Section 4 – FIRE AND EXPLOSION DATA

Flash Point: > 100 deg. C UEL: Not determined LEL: Not determined
Extinguishing Media: Water mist, dry powder, foam, carbon dioxide.
Firefighting Procedures: Do not use water jet. Wear SCBA and avoid inhalation of combustion gasses. Cool endangered containers with water.
Unusual Fire and Explosion Hazards: Combustion gasses are toxic.



Section 9 – PRECAUTIONS FOR SAFE HANDLING AND USE

Special Precautions: Avoid personal contact. Do not expose material to incompatibilities. Take measures against static discharges and keep away from sources of ignition.
Storage Method: Store below 77 degrees F. Keep containers tightly closed.

Section 10 – TOXICOLOGICAL DATA

Carcinogenicity: No data available.

NPT: No

OSHA: No

IARC: No

Acute Inhalation LC50: 100 ppm, 4 hours (rat); 700 ppm, 6 hours (guinea pig)

Acute Dermal LD50: 5878 mg/kg (rabbit)

Acute Oral LD50: 6270 mg/kg (rat)

Section 11 – ECOLOGICAL DATA

Do not introduce large amounts into water purification plants. Do not lead into waste water. Do not introduce into in-shore waters and earth.

Section 12 – TRANSPORTATION IDENTIFICATION

Proper Shipping Name: Not regulated

Identification Number: n/a

Hazard Class: n/a

Packing Group: n/a