## MATERIAL SAFETY DATA SHEET

**FUNCTIONAL IMPRESSION TISSUE TONER (FITT) POWDER**

### 1 - IDENTIFICATION

Manufacturer: Kerr Corporation  
Address: 1717 West Collins Avenue  
City, State, Zip: Orange, CA 92867-5422  
Telephone: 1-800-KERR-123  
Emergency: Chemtrec 1-800-424-9300  
Date Prepared: August 1, 2005

### 2 - COMPOSITION INFORMATION

#### Hazardous Ingredients
This product contains no hazardous components as defined in the OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### Other Ingredients
- Polyethyl Methacrylate

### 3 - PHYSICAL AND CHEMICAL PROPERTIES

- Specific Gravity (H2O = 1): >1.185
- Vapor Pressure (mm Hg): N/A
- Vapor Density (AIR = 1): N/A
- Solubility in Water: Insoluble
- Reactivity in Water: N/A
- Appearance and Odor: White powder, slight methacrylate odor

### 4 - FIRE AND EXPLOSION HAZARD DATA

- Flash Point (Method Used): 5800 ºF
- Flammable Limits: LEL: N/A UEL: N/A
- Extinguishing Media: Carbon dioxide, water, dry chemical
- Special Fire Fighting Procedures: None
- Unusual Fire and Explosion Hazards: Dust in air can be explosive if ignited.

### 5 - REACTIVITY DATA

- Stability: Stable
- Conditions to Avoid: Avoid heating to decomposition, 500 °F
- Incompatibility (Materials to Avoid): None
- Hazardous Decomposition Products: Ethyl methacrylate monomer vapors (flammable) and carbon monoxide depending on conditions of heating.
- Hazardous Polymerization: Will not occur

### 6 - HEALTH HAZARD DATA

#### Routes of Entry:
- Skin: May cause allergic reaction in some sensitive individuals.
- Eyes: Mildly irritating
- Inhalation: Mildly irritating
- Ingestion: Get medical attention.

#### Carcinogenicity
- NTP: No
- IARC Monographs: No
- OSHA Regulated Carcinogen: No

### 7 - EMERGENCY FIRST AID PROCEDURES

#### Skin:
Wash with soap and water.

#### Eyes:
Flush with water for 5 minutes, including under eyelids.

#### Inhalation:
Remove to fresh air. Get medical attention if discomfort persists.

#### Ingestion:
Rinse mouth out with water. Call physician if discomfort persists.

### 8 - PRECAUTIONS FOR SAFE HANDLING & USE

- Steps to be taken in case material is released or spilled: Sweep up to prevent slipping hazard on polymer.
- Waste Disposal Method: Incineration or landfill. Complete combustion in air gives carbon dioxide and water.
- Precautions to be taken in handling and storing: Dry storage. Keep containers closed to prevent moisture absorption and contamination.
- Other precautions: Use according to directions.

### 9 - CONTROL MEASURES

- Respiratory Protection (Specify Type): None required under normal conditions.
- VENTILATION:
- Local Exhaust: None
- Mechanical (General): Usually sufficient
- Protective Gloves: Protective gloves are recommended.
- Eye Protection: Safety glasses
- Other Protective Clothing or Equipment: N/A
- Work/Hygiene Practices: Handle in accordance with good personal hygiene and safety practices. Includes avoiding unnecessary exposure.

### 10 - TRANSPORTATION INFORMATION

Not DOT regulated.

### 11 - SPECIAL INFORMATION

- **HMIS (Hazardous Material Identification System) Rating:**  
  H1 F0 R0  
  [HMIS Index: 4 - Severe Hazard; 3 -Serious Hazard; 2 - Moderate Hazard; 1 - Slight Hazard; 0 - Minimum Hazard]

---

Note: This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is to be used only for this product. The information in this MSDS is, to the best of our knowledge, believed to be accurate.