



Product # 20-600

Issue Date: MARCH 1, 2005

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## MATERIAL SAFETY DATA SHEET

### SECTION 1. Product and Company Identification

**PRODUCT NAME:** PRESSURE INDICATOR PASTE

**COMMON OR CHEMICAL NAME:** PRESSURE INDICATOR PASTE (PIP)

**MANUFACTURED BY:**

Dentonics, Inc.  
2833 Tophill Rd.  
Monroe, NC 28110  
USA

**EMERGENCY TELEPHONE:**

800-727-4737

**GENERAL INFORMATION:**

704-238-0245

### SECTION 2. Composition/Information on Ingredients

*Product Contents:* Dimethylpolysiloxane, Zinc Oxide

*Hazardous Ingredients:* No hazardous materials present.

### SECTION 3. Hazards Identification

For potential health hazards: SEE Section 11 below

No other hazards to man or the environment are reasonably foreseen.

### SECTION 4. First Aid Measures

*Inhalation:* Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

*Skin Contact:* Get medical aid if irritation develops or persists. Wash clothing before reuse. Flush skin with plenty of soap and water.

*Eye Contact:* Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.

*Ingestion:* Get medical aid if irritation or symptoms occur.

### SECTION 5. Fire-Fighting Measures

*Suitable Extinguishing Media:* Foam, dry chemical, or carbon dioxide if it indeed will burn.

*Extinguishing Media which should not be used:* NDA

*Special exposure hazards from combustion products:* NDA

*Special protective equipment for fire fighters:* Use self-contained breathing apparatus when fighting fires in enclosed areas.

## SECTION 6. Accidental Release Measures

*Personal Precautions:* NDA

*Environmental Precautions:* NDA

*Methods for Cleaning Up:* Wipe up spilled material with absorbent material. Wipe a second time with cloth soaked in isopropanol followed by rinsing with water.

## SECTION 7. Handling and Storage

*Handling Precautions:* Avoid extreme heat and cold.

*Safe Storage Conditions:* This particular compound is relatively inert from -50° C to 200° C

*Other Restrictions or Recommendations:* None

## SECTION 8. Exposure Controls/Personal Protection

*Respiratory Protection & Ventilation:* None

*Protective Clothing or Equipment:* None required

*Unusual Work/Hygienic Practices:* None

## SECTION 9. Physical and Chemical Properties

*Appearance:* White, tenacious paste

*Odor:* None

*pH:* NDA

*Boiling Point/Range:* 300° C

*Melting Point/Range:* 150°C

*Flash Point:* Not available

*Auto-Ignition Temperature:* None listed

*Flammability:* NDA

*Explosive Limits in Air:* NDA

*Oxidizing Properties:* NDA

*Vapor Pressure (mm Hg): (Air = 1):* 1

*Vapor Density (Air=1):*

*Specific Gravity (H<sub>2</sub>O =1):* 1.10

*Solubility in Water:* Insoluble

*Reactivity in Water:* NDA

*Other Data:*

## SECTION 10. Stability and Reactivity

*Stability:* Stable

*Conditions of Instability:* N/A

*Incompatibility with Various Substances:* None

*Hazardous Decomposition Products:* None listed

*Hazardous Polymerization:* Will not occur

### SECTION 11. Toxicological Information

*Potential Acute Health Effects:* None

*Potential Chronic Health Effects:* None

*Signs and Symptoms of Exposure:* None

*Medical Conditions Generally Aggravated by Exposure:* None

*Carcinogenic or Potential Carcinogenic Effects:* None

*Other Potential Health Effects:* None

### SECTION 12. Ecological Information

No ecological damage or impact anticipated when handled as indicated.

### SECTION 13. Disposal Considerations

*Waste Disposal:* Dispose of in any approved landfill. Consult local regulations.

### SECTION 14. Transport Information

*UN Classification:*

*Identification:*

*Special Provisions for Transport:*

### SECTION 15. Regulatory Information

*U.S. FDA Dental Device:*

*EC Medical Device Directive:* Class 1

### SECTION 16. Other Information

*Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources that we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or method of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. If the product is used as a component in another product or used in a way other than recommended by the Company, this MSDS information may not be applicable.*

MSDS Approved by: **Randy Leander**