



**Gutta Percha Points**  
Root Canal Filling Material

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**1- Identification**

**Manufacturer :** Meta Biomed Co., Ltd.  
**Address :** 414-12 Mochung-Dong, Heungdeok-gu,  
Cheongju City, Chungbuk, 361-808,  
Korea  
**Telephone :** (82-43) 271-0433~0435  
**Fax :** (82-43) 271-0438  
**Date Prepared :** January 20, 2006

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**2- Composition Information**

**Hazardous Ingredients**

No known Hazards Materials – All materials are homogeniously mixed.

**Other Ingredients**

Polyisoprene Rubber, Zinc Oxide, Barium Sulfate, Colorants

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**3- Physical and Chemical Properties**

**Boiling Point :** Decomposes  
**Specific Gravity (H<sub>2</sub>O=1) :** 2.5~2.65  
**Vapor Pressure (mm Hg) :** N/A  
**Melting Point :** 100 °C  
**Vapor Density (Air=1) :** N/A  
**Solubility in Water :** Insoluble  
**Reactivity in Water :** N/A  
**Appearance and Odor :** Pinkish, Cone shape, Odorless

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**4- Fire and Explosion Hazard Data**

**Flash Point (Method Used) :** N/A  
**Flammable Limits : LEL :** N/A      **UEL :** N/A  
**Extinguishing Media :** Use any means suitable for extinguishing surrounding fire.  
**Special Fire Fighting Procedures :** None  
**Unusual Fire and Explosion Hazards :** None

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**5- Reactivity Data**

**Stability :** Stable  
**Conditions to Avoid :** Heat  
**Incompatibility (Material to Avoid) :** N/A  
**Hazardous Decomposition Products :** N/A  
**Hazardous Polymerization :** Will not occur

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**MATERIAL SAFETY DATA SHEET**

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**6- Health Hazard Data**

**Routes of Entry :**

**Skin :** May cause irritation in sensitive individuals.  
**Eyes :** May cause mechanical irritation.  
**Inhalation :** Not likely to occur when used according to directions.  
**Ingestion :** Ingestion of small amounts of this material under normal circumstances would not cause serious harmful effects.  
**Carcinogenicity – NTP :** No  
**IARC Monographs : No OSHA Regulated Carcinogen :** No

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**7- Emergency First Aid Procedures**

**Skin :** N/A  
**Eyes :** N/A  
**Inhalation :** N/A  
**Ingestion :** Ingestion of small amounts of this material under normal conditions would not cause serious harmful effects.

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**8- Precautions for Safe Handling & Use**

**Steps to be taken in case material is released or spilled :** No special handling required.  
**Waste Disposal Method :** Dispose along with normal solid waste.  
**Precautions to be taken in handling and storing :** Keep in tightly closed container, store in a cool and dry area. Protect against sunlight, thermal.

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**9- Control Measures**

**Respiratory Protection (Specify Type) :** Not necessary under normal conditions of use.  
**Ventilation :**  
**Local Exhaust :** N/A  
**Mechanical (General) :** N/A  
**Protective Gloves :** N/A  
**Eye Protection :** Safety glasses  
**Work/Hygiene Practices :** Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.

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**10- Transportation Information**

Not DOT regulated.

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**11- Special Information**

**HMIS (Hazardous Material Identification System) Rating :** H0 F1 R0  
[HMIS Index : 4-Severe Hazard; 3-Serious Hazard; 2-Moderate Hazard; 1-Slight Hazard; 0-Minimum Hazard]

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**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