

Material Safety Data Sheet EdgeBioCeramic Gutta Percha Points

1. Product Supplier Details

Product Trade Name : EdgeBioCeramic Gutta Percha
Points Company name : Sure Dent Corporation
address : #809, 52, Sagimakgol-ro, Jungwon-gu, Seongnam-si,
Gyeonggi-do, Korea
Tel: +82-31-737-4720
Fax: +82-31-737-4724
E-mail: suredent@suredent.com, suredent@gmail.com

Product type : Dental filling material
Classification : **CE/MDD - Class IIa** : 93/42/EEC
FDA/USA – Class I : Exemption 510K(Low-Risk Medical devices)

2. Composition/Ingredients

Chemical composition : Gutta Percha : 22 ~27%
Zirconium Oxide : 32~37% Zinc Oxide : 28~33%
Barium Sulfate : 8~13% Coloring Agent : 0.2~0.5%

3. Hazard Identification

Health hazard - Not known to cause significant health problems.
Other information - N/A

4. First Aid Measures

Consult a physician if allergic reaction requires attention.

5. Fire Fighting Measures

Extinguishing media - Water, carbon dioxide, dry chemical
Fire fighting techniques - Firefighters should wear self-contained breathing apparatus,
because thermal decomposition by products may present
a health hazard.

6. Handling and Storage

No special precaution required.
Store away from oxidizing agents and avoid prolonged exposure to natural light
Store away from food and beverage.

7. Exposure Control and Personal protection

Respiratory protection – None
Ventilation – N.A.
Protective gloves – N.A.
Eye protective – Goggles with side shields for lab work
Other protective clothing or equipment – Common uniform

8. Physical and Chemical Properties

Appearance – conical points	Explosion hazard – N.A.
Specific gravity – 2.7g/cm ³	Vapor pressure – N.A.
Odor – No odor or taste	Melting point – 89 ~ 91 °C or 210°F
Color – Pink	Solubility in water – None
Vapor density – N.A.	Boiling point – N.A.

9. Stability and Reactivity

Stability – Stable
Incompatibility (materials to avoid) – natural light, excessive heat and humidity
Hazardous polymerization – will not occur
Hazardous decomposition or byproducts – carbon monoxide, carbon dioxide
hydrocarbons and zinc fumes

10. Toxicological information

Inhalation – N.A. (considered a nuisance dust-avoid inhalation)
Eye contact – N.A. (considered a nuisance dust – keep dust out of the eyes)
Skin contact – N.A. (not known to cause any significant health problem)
Ingestion – N.A. (not known to cause any significant health problem)
Sensitization – Persons with sensibility to latex may have mild allergic reaction
Carcinogenicity – NTP: N.A. IARC monographs: N.A. OSHA regulated: No
Mutagenicity – N.A.

11. Ecological information

Environmental control measures – disposable only in accordance with prevailing health regulations

12. Disposal consideration

Disposal system – sweep up carefully and place in container for disposal.
Other information – Landfill in accordance with prevailing regulations.

13. Transport information

Not dangerous and transport away from food and beverages.

14. Regulatory information/Labeling international regulations

No specific labeling or chips classification required.