

**1. Identification of the substance/preparation and of the company/undertaking**

- **Product name** : Edge Gutta Percha Points™

- **Supplier** : METABIOMED CO., LTD.  
Head Office & Osong Factory) 270, Osongsaengmyeong1-ro, Osong-eup,  
Heungdeok-gu, Cheongju-si, Chungcheongbuk-do, Korea  
Cheongju Factory) 136, Mochung-ro, Seowon-gu, Cheongju-si, Chungcheongbuk-do,  
Korea

Tel : (82-43) 216-0433, 0434  
Fax : (82-43) 216-0438

**2. Hazards identification**

- **Physical/chemical hazards** : None

- **Human health hazards** : Not known to cause significant health problems. Considered a nuisance dust. Avoid inhalation and keep dust out of the eyes.

- **Environmental hazards** : None

**3. Composition/information on ingredients****Information on ingredients**

<b>Chemical name</b>	<b>CAS No.</b>	<b>w/w %</b>	<b>EC Number</b>	<b>Symbol</b>	<b>R-Phrases</b>
Gutta-percha (Trans-1,4,-polyisoprene)	9003-31-0	15~25			
Zinc Oxide	1314-13-2	55~65			
Barium Sulfate	7727-43-7	10~15			
Calcium Carbonate	471-34-1	<5			
Others		<5			

**4. First aids measures**

- **Inhalation** : N/A

- **Ingestion** : Do not induce vomiting. Material is chemically inert.

- **Skin contact** : N/A

- **Eye contact** : If scratches or punctures occur, seek medical attention immediately.

## 5. Fire fighting measures

### Extinguishing media

- Suitable : Water, Foam, Carbon Dioxide, Dry Chemical
- Not suitable : N/A
- Special fire fighting procedures : Self contained breathing apparatus to prevent smoke inhalation.
- Unusable fire/explosion hazards : None
- Hazardous thermal (de)composition products : Carbon Monoxide, Carbon Dioxide, Hydrocarbons and Zinc fumes.
- Protection of fire fighters : None

## 6. Accidental release measures

- Personal precautions : None
- Environmental precautions : None
- Methods for cleaning up : N/A

## 7. Precautions for safe handling

- Handling : Always wear gloves and eye protection. Keep container closed when not in use.
- Storage : Keep out of reach of children. Keep container closed. Store in cool place.

## 8. Exposure controls/personal protection

- Precautions for use : None
- Respiratory protection : None
- Skin and body : Wear suitable protective clothing.
- Hands : Wear suitable gloves.
- Eyes : With sufficient extraction or closed system; safety goggles.

## 9. Physical and chemical properties

- Physical state	: Solid	- Solubility in water	: Insoluble
- Color	: Pinkish	- pH	: N/A
- Odor	: Odorless	- Flash point	: Not-regulated
- Boiling point	: Decomposes	- Autoignition temperature	: N/A
- Melting point	: 68.8	- Lower explosion limit	: N/A



# Safety Data Sheet

## Edge Gutta Percha Points™

- Vapor pressure : N/A	- Upper explosion limit : N/A
- Specific gravity(H <sub>2</sub> O=1) : 2.5~2.65	- Viscosity : N/A

### 10. Stability and reactivity

- Stability : Stable
- Condition to avoid : N/A
- Materials to avoid : None
- Hazardous reactions : None
- Hazardous decomposition products : CO

### 11. Toxicological information

- Acute toxicity : N/A
- Primary effects to skin : Not a primary dermal irritant
- Primary effects to eyes : Not an ocular irritant
- Primary effects to respiratory system : Not an acute inhalation hazard
- Sensitization : N/A
- Additional toxicological info : N/A

### 12. Ecological information

- General information : N/A
- Classification of water endangerment : N/A

### 13. Disposal considerations

- Product : Not considered a RCRA hazardous waste as identified in Fed. Reg. 40CFR261. If this product cannot be used as directed by the label, contact the local Environmental Control Agency or Agent.
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### 14. Transport information

- DOT shipping name : Not-regulated	- <u>Air transport ICAO-Ti and</u> : N/A
- DOT hazard class : Not-regulated	<u>IATA-DGR class</u> : Not-regulated
- UN number : N/A	- UN number : N/A
- <u>Sea transport IMDG/GGV</u> : N/A	

<b>sea class</b>	
- UN number	: N/A
- EmS number	: N/A
- MFGA number	: N/A

### 15. Regulatory information

- TSCA Inventory Status	: This product and/or all of its components are included on the TSCA Inventory of Chemical Substances.		
- SARA 311/312 hazard Categories	: None		
- SARA 302 extremely hazardous substances	: None		
- SARA 313 toxic chemicals	<u>Chemical name</u>	<u>CAS-No.</u>	<u>Weight %</u>
	None		
- Classification according to EEC Guidelines	: Class a rule 8		
- Classification according to VBF	: N/A		
- Canadian regulations require the inclusion of the following statements under "Regulatory Information"; "This product has been classified in accordance with the hazard criteria of the controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations."			

### 16. Other information

The information contained in the Safety data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.	
<b><u>HISTORY</u></b>	
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- Prepared by	: METABIOMED CO., LTD.