

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

- **Product name** : Edge Taper 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
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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**

Chemical name	CAS No.	w/w %	EC Number	Symbol	R-Phrases
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



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- Vapor pressure : N/A	- Upper explosion limit : N/A
- Specific gravity(H ₂ 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	



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<u>sea class</u>	
- 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	<table border="1"><thead><tr><th><u>Chemical name</u></th><th><u>CAS-No.</u></th><th><u>Weight %</u></th></tr></thead><tbody><tr><td>None</td><td></td><td></td></tr></tbody></table>	<u>Chemical name</u>	<u>CAS-No.</u>	<u>Weight %</u>	None		
<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.	
<u>HISTORY</u>	
- Date of printing	: 3-8-2015
- Date previous issue	: 3-8-2015
- Date of issue	: 3-8-2015
- Prepared by	: METABIOMED CO., LTD.