

UnoDent Material Safety Data Sheet

Revised on 11/01/2005

1. Chemical product and company identification

product name: Classic and UnoDent Gutta Percha Points (EQA015-901, EQO015-901, EXB029)
Manufacturer/supplier: Made for UnoDent Ltd. **Tel: 01376 500582**
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CM8 3SX, UK
Information sector: Technical Department **Tel: 01376 500582**
Emergency information: Technical Department
Emergency e-mail: info@unodent.com

2. Composition/Ingredients

Chemical composition:

Ingredients	% by Wt	CAS. No.
Gutta percha	10-30	9000-32-2
Barium Sulphate	1-20	7727-43-7
Zinc OXIDE	30-60	1314-13-2
Pigment	1-10	
Other ingredients determined not to be hazardous		to 100

3. Hazards Identification

Health hazard: Harmless to human body.

Other information: In rare cases, it may cause a sensitising reaction for hypersensitive patients.

4. First Aid-Measures

Consult with a medical specialist if allergic reaction requires attention.

5. Fire Fighting Measures

Extinguishing media: Water, carbon dioxide, dry chemical

Fire fighting techniques: Fire fighters should wear respirators because of the gas from pyrolysis of the product may be harmful to their health.

6. Accidental Release Measures

Environmental precautions: No special measures necessary.

Methods for cleansing: Sweep up and wash the contaminated place with a proper absorbent.

7. Handling and storage

Store away from oxidative agents.

Avoid exposure to the direct ray of the Sun light and heat above 37°C.

Store away from food and beverages.

8. Exposure controls/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

9. Physical and chemical properties

Appearance:	conical points
Specific gravity:	2.7g/cm ³
Odour:	No odour or taste
Colour:	Pink
Vapour density:	N/A
Explosion hazard:	N/A
Vapour pressure:	N/A
Melting point:	89-91°C or 210°F
Solubility in water:	None
Boiling point:	N/A

10. Stability and reactivity

Stability:	Stable under normal use conditions
Incompatibility (materials to avoid)	the direct ray of the Sunlight, excessive heat and humidity
Hazardous polymerisation:	Will not occur
Hazardous decomposition or byproducts:	Carbon monoxide, carbon dioxide, hydrocarbons and zinc fumes

11. Toxicological information

Inhalation:	N/A (considered a nuisance dust – avoid inhalation)
Eye contact:	N/A (considered a nuisance dust – keep dust out of eyes)
Skin contact:	N/A (not known to cause and significant health problem)
Ingestion:	N/A (not known to cause any significant health problem)
Sensitisation:	Persons with sensibility to latex may have mild allergic reaction
Carcinogenicity:	NPT N/A IARC
Monographs:	N/A OSHA
Regulated:	No
Mutagenicity:	N/A

12. Ecological information

Environmental control measures:	Disposable only in accordance with prevailing health regulations
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13. Disposal considerations

Disposal system:	Sweep up carefully and place in container for disposal
Other information:	Landfill in accordance with prevailing regulations

14. Transport information

Information:	No danger for transport. Transport away from food and beverages.
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15. Regulatory information

No specific labelling or chips classification required.
Follow the regulations of the KFDA (Korea food & Drug Administration).

16. Other Information.

The information in this Safety Data Sheet is believed as to be correct as of the date issued. Its is stated only as guidance for safe handling, use, processing, storage, transport, and disposal. Thus, it is not to be considered a warranty or representation for which UnoDent Ltd. takes any kind of legal responsibilities. UnoDent Ltd. takes no responsibility for any damages stemming from the misuse of mishandling of this product.