

DiaDent Gutta Percha Points Material Safety Data Sheet

IDENTITY

1.1 Product Trade Name : Gutta Percha Points
1.2 Product Use : Dental filling material

SECTION I

1.3 Manufacturer/Importer : DiaDent Group International Inc.
1.4 Address : P.O. Box 35 Chongju City 360-600
Choong Chong Buk Do, Korea
1.5 Emergency Phone Number : 82-431-266-2315
1.6 Customer Service Number : 82-431-263-7660
1.7 Date Prepared : August 1, 1997

SECTION II – Hazardous Ingredients

2.1 Hazardous Ingredient : Zinc Oxide
2.2 PEL/TLV : 5mg/m³ (Zinc fume)
2.3 DOT Hazard Classification : None
2.4 WHMIS Classification : None

SECTION III – Physical/Chemical Characteristics

3.1 Boiling Point : N/A
3.2 Vapor Pressure : N/A
3.3 Evaporation Rate : N/A
3.4 Odor : None
3.5 Specific Gravity : 2.7 g/cm³
3.6 Vapor Density : N/A
3.7 Melting Point : 100°C
3.8 Solubility In Water : None
3.9 Appearance : Pink Uniformly Conical Shape

SECTION IV – Fire and Explosion Hazard Data

4.1 Flash Point	:	None
4.2 Flammable Limits	:	N/A
4.3 Autoignition Temperature	:	N/A
4.4 Extinguishing media	:	Water. Use any means suitable for extinguishing surrounding fire.
4.5 Special Fire Fighting	:	Positive pressure, self-contained breathing Procedures apparatus.
4.6 Unusual Fire and Explosion Hazards	:	None

SECTION V – Reactivity Data

5.1 Stability	:	Stable
5.2 Conditions to Avoid	:	Natural light, excessive heat and humidity (Stability)
5.3 Incompatibility	:	Strong oxidizing agents
5.4 Hazardous Decomposition or Byproducts	:	Carbon Monoxide, Carbon Dioxide, Hydrocarbons and Zinc Fumes when heated to decomposition.
5.5 Hazardous Polymerization	:	Will not occur
5.6 Conditions to Avoid (Polymerization)	:	None

SECTION VI – Health Hazard Data

6.1 Summary of Acute Hazards	:	Minimal health hazard under normal conditions of use. Not know to cause significant health problems.
6.2 Route of Exposure	:	Inhalation, Eye contact, Skin Absorption, Skin Contact – N/A Indigestion – Yes.
6.3. Signs and symptoms of Exposure	:	None known
6.4 Summary of Chronic Hazards	:	Not know to cause significant health problems.
6.4.1 Carcinogenicity	:	NTP- N/A IARC Monographs – N/A

		OSHA Regulated – No.
6.4.2 Teratogenicity	:	None known
6.4.3 Mutagenicity	:	None known
6.4.4 Reproductive Toxicity	:	None known
6.5 Medical Conditions	:	None known
Generally Aggravated by Exposure		
6.6 Emergency First Aid Procedures	:	Not required

SECTION VII – Precautions for Safe Handling & Use

7.1 Handling and Storage	:	Keep in closed container stored in a cool, dry and ventilated area.
Precautions	:	Avoid exposure to natural light and heat over 38 °C. Store away from Oxidizing Agents.
7.2 Steps to Be Taken if Material is Released or Spilled	:	Wear gloves. Pick up spilled materials and place spilled materials in container for disposal.
7.3 Waste Disposal Method	:	Follow all government regulations.
7.4 Other Precautions	:	Wash hands after use. Store away from food.

SECTION VIII – Control Measures

8.1 Respiratory Protection	:	Not necessary under normal conditions.
8.2 Ventilation	:	No special ventilation required.
8.3 Protective Gloves	:	Impervious gloves are recommended.
8.4 Eye Protection	:	Chemical safety goggles are recommended.
8.5 Other Protective Clothing or Equipment	:	Common uniform and equipment.
8.6 Work/Hygienic Practices	:	Use normal care when working with chemicals.