

SECTION 1 – Chemical Product and Company Identification

- 1.1 Product Name:** Quick-Fill
1.2 Company: JS Dental Manufacturing., Inc.
1.3 Address: PO Box 904
 Ridgefield, CT 06877, USA
1.4 Telephone Number: (203) 438-8832

SECTION 2 – Composition and Information on Ingredients

Raw Material	CAS Number	Risk Symbol	Warning of Risk
Gutta Percha	9000-32-2	N.A.	N.A.
Zinc Oxide	1314-13-2	N.A.	Can be toxic to human being and environmental if it is not used according to the recomendation.
Barium Sulfate	7727-43-7	N.A.	Avoid contact and inhalation.
Polyethylene Glycol	25322-68-3	N.A.	Can cause light irritation to the eyes. Long contact and under clothes moistened with the product can cause irritation and light discomfort.
Stearic Acid	57-11-4	N.A.	Single exposure to vapours or mist is no likely to be hazardous. Prolonged/repeated contact may cause irritation in some individuals. Contact with eyes may cause slight eye irritation. Not expected to be toxic by ingestion.

SECTION 3 – Hazards Identification

- 3.1 Routes of entry:** Possible by ingestion.
3.2 Accute and Cronic effects: None known
3.3 Signs and Symptoms of Exposure: None Known
3.4 Medical Conditions Generally Aggravated by Exposure: None known

SECTION 4 – First Aid Measures

None required

SECTION 5 – Fire-Fighting Measures

- 5.1 Flamble (Explosive Limits):** Not established
5.2 Extinguishing Media: CO₂ água, pó químico e espuma.
5.3 Special Fire Fighting Procedures: Overexposure to thermal decomposition presents a helth hazard. Firemen should wear approved self contained breathing apparatus when fighting fire.
5.4 Unusual Fire and Explosion Hazards: None expected

SECTION 6 – Acidental Release dor Spilled

- 6.1 Steps to be taken in case material is release dor spilled:** Sweep, shovel or vaccum into container for disposal.

SECTION 7 – Handling and Storage

- 7.1 Precautions to be taken in Handling:** Avoid prolonged exposure to natural light and above 37°C.
7.2 Precautions to be taken in Storage: Store away from oxidizing agents

SECTION 8 – Exposure Control and Personal Protection

8.1 Exposures Limits:

Chemycal Name	PEL	TLV
Gutta Percha	N.D.	N.D.
Zinc Oxide	N.D.	5 mg/m ³
Barium Sulfate	N.D.	N.D.
Polyethylene Glycol	N.D.	N.D.
Stearic Acid	N.D.	N.D.

- 8.2 Respiratory Protection:** None required
8.3 Ventilation: N.A.

- 8.4 Protective gloves:** N.A.
8.5 Eye Protection: Goggles with side shields for lab work.
8.6 Other protective Clothing or Equipment: Common uniform
8.7 Work/Hygienic Practices: Observe standard good personal hygiene, same as working with therapeutic products.

SECTION 9 – Physical / Chemical Characteristics

Appearance and Odor:	Pink conical points, no odor or taste
Boiling Point:	N.A.
Vapor Pressure:	N.A.
Vapor Density:	N.A.
Solubility in water:	No
Specific Gravity:	Approx. 2,7g/cm ³
Melting Point:	Softens at 80°C
Evaporation Rate:	N.A.

SECTION 10 – Stability and Reactivity Data

- 10.1 Stability:** Stable
10.2 Conditions to avoid: Natural light, excessive heat and humidity.
10.3 Incompatibility with other materials: Strong Oxidants
10.4 Hazardous Decompositions or Byproducts: CO, CO₂, Hydrocarbons and zinc fumes.
10.5 Hazardous Polymerization: Will not occur.
10.6 Conditions to avoid (Polymerization): None known

SECTION 11 – Toxicological Informations

Chemical Name	LC50 Inhalation	LD50 Oral Administration	Species	LD50 Cutaneous Administration	Species
Gutta Percha	N.D.	N.D.	N.D.	N.D.	N.D.
Zinc Oxide	N.D.	N.D.	N.D.	N.D.	N.D.
Barium Sulfate	N.D.	N.D.	N.D.	N.D.	N.D.
Polyethylene Glycol	N.D.	30mL/Kg	Rats	N.D.	N.D.
Stearic Acid	N.D.	23±0,7mg/Kg	Mice	N.D.	N.D.

SECTION 12 –Ecologic Information

ND

SECTION 13 – Disposal Consideration

Dispose in accordance with local regulations

SECTION 14 – Transport Information

ICAO/IATA	-
IMDG	-
ADR/RID	-

SECTION 15 – Regulations

OSHA – Occupational Safety and Health Administration
NTP – National Toxicology Program

SECTION 16 – Other Information

Legend:

N° CAS	“Chemical Abstract Service Registry Number”
PEL	“Permissible Exposition Limit”
TLV	“Threshold Limit Value”
NA	Not applicable
ND	Not disposable