

IDENTITY

Trade Name: FORENDO
Chemical Description: Calcium hydroxide and Iodoform in a silicone-based paste.
Product Use: Dental material

SECTION I

Pulpdent Corporation

80 Oakland Street
Watertown, MA 02472 USA

Phone Numbers

24 Hour Emergency: 1-800-535-5053
Customer Service: 1-800-343-4342/1-617-926-6666

Date Prepared: September 1, 2008

SECTION II – HAZARDOUS INGREDIENTS

Ingredients	CAS Number	PEL / TLV / TWA
Calcium hydroxide	1305-62-0	5 mg/m ³
Iodoform	75-47-8	0.6 ppm (10 mg/m ³)

WARNING: Iodoform is considered Toxic; harmful by inhalation, ingestion or contact with skin.

DOT HAZARD CLASSIFICATION: Not regulated

WHMIS CLASSIFICATION: D-1A: Toxic

NFPA HMIS RATING: HEALTH: 2 FLAMMABILITY: 0 REACTIVITY: 0

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: Decomposes Solubility in water: Nil Odor Threshold: Not available
Odor: Characteristic, unpleasant Appearance: Yellow paste

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not applicable Flammable limits: Not applicable

Extinguishing Media: Use any means suitable for extinguishing surrounding fire. Water spray will keep fire-exposed containers cool.

Special Fire Fighting Procedures: A self-contained breathing apparatus should be worn by fire fighting personnel.

Hazardous Combustion Products: Toxic iodine vapors, caustic fumes of calcium oxide, carbon monoxide, carbon dioxide and hydrogen iodide. Decomposes at elevated temperatures.

SECTION V - REACTIVITY DATA

Stability: Stable Conditions to avoid: Temperature >100°F, intense light, open flame.

Incompatibility: Strong bases, strong oxidizing agents, reducing agents, magnesium, alkali metals.

Hazardous Decomposition Products: Toxic iodine vapors, caustic fumes of calcium oxide, carbon monoxide, carbon dioxide and hydrogen iodide. Decomposes at elevated temperatures. Caustic fumes of calcium oxide, form when heated to decomposition. Fumes may be hazardous or toxic.

Hazardous Polymerization: Will not occur. Conditions to avoid: Temperature >100°F, intense light.

SECTION VI - HEALTH HAZARD DATA

Summary of Acute Hazards: Minimal health hazard under normal conditions of use of this product. May be harmful if swallowed, inhaled or absorbed through skin. May be irritating to eyes, mucous membranes and skin. Dental professionals should avoid prolonged contact with skin.

Route of Exposure

Signs & Symptoms

Inhalation

May be irritating to respiratory tract; may cause coughing, shortness of breath.

Eye Contact

May cause severe irritation, redness, pain.

Skin Absorption

Prolonged contact with large quantities of iodoform may cause nausea, headache, vomiting, weakness, central nervous system effects, rapid pulse, fever.

Skin Contact

Primary route of exposure. May cause irritation or dermatitis, especially in persons with pre-existing skin disorders.

Ingestion

May irritate mucous membranes. Large amounts may cause nausea, headache, vomiting, weakness, central nervous system effects, rapid pulse, fever.

Summary of Chronic Hazards: May cause skin rash, headache and skin eruptions in severe cases.

Carcinogenicity, Teratogenicity, Mutagenicity, Reproductive Toxicity: None known.

Emergency First Aid Procedures:

Inhalation

Move to fresh air. Administer oxygen and/or artificial respiration if necessary; seek medical attention.

Eye contact

Flush eyes with running water for 15+ minutes, lifting eyelids occasionally. Seek immediate medical attention.

Ingestion

Wash out mouth with water. Seek immediate medical attention.

Skin contact

Flush skin with running water for 15+ minutes. Remove contaminated clothing and shoes. Seek medical advice if irritation is severe or persists.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE

Handling and Storage Precautions: Store tightly closed in cool, dry, well-ventilated place.

Release or Spill: Wear dust mask, safety goggles, impervious gloves, lab coat with long sleeves and shoe covers. Scrape up material or absorb with paper toweling and collect for disposal in closed bag or container. Ventilate area. Wash spill site.

Waste Disposal Method: Follow all government regulations.

Other Precautions: Wash hands thoroughly after use.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: None required under anticipated conditions of normal use of this product.

Ventilation: No special ventilation required under anticipated conditions of normal use.

Protective Gloves: Required.

Eye Protection: Safety glasses or goggles are required.

Other Protective Clothing or Equipment: Lab coat with long sleeves. Emergency eye wash fountain should be close by and maintained.

Work/Hygienic Practices: Wash hands thoroughly after use.

The information presented herein is believed to be factual as it has been derived from the works of persons believed to be qualified experts. However, nothing contained in this information is to be taken as a warranty or representation for which Pulpdent Corporation bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.