

NEO DENTAL INTERNATIONAL INC.
Material Safety Sheet

IDENTITY

1.1 Product Trade Name : Dentalis
1.2 Product Use : Root Canal Sealer

SECTION 1

1.3 Manufacturer / Importer : Neo Dental International Inc.
1.4 Address : 2505 South 320th Street, Suite #250
Federal Way, Wa 98003
1.5 Emergency Phone Number : 1-800-720-0096
1.6 Customer Service Number : 1-253-946-0814
1.7 Date Prepared : Jan. 10, 2003

SECTION 2 - Hazardous Ingredients

2.1 Hazardous Ingredient Powder : Iodoform
2.1 Hazardous Ingredient Liquid : Eugenol
2.2 PEL/TLV : 25mg/m³ (Iodine Fume)
2.3 DOT Hazard Classification : Harmful if Swallowed
2.4 WHMIS Classification : None

SECTION 3 – Physical / Chemical Characteristics

3.1 Boiling Point : N/A
3.2 Vapor Point : N/A
3.3 Evaporation Point : >1.0
3.4 Odor : Odor of eugenol (oil of cloves)
3.5 Specific Gravity : >1 g/ml
3.6 Vapor Density : N/A
3.7 Melting Point : N/A
3.8 Solubility In Water : Low
3.9 Appearance : White Powder, Amber Liquid

SECTION 4 – 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 : Carbon Dioxide, foam, dry chemical
4.5 Special Fire Fighting Procedures : Self-Contained breathing apparatus
4.6 Unusual Fire and Explosion Hazards : None

SECTION 5 – Reactivity Data

5.1 Stability : Stable
5.2 Conditions to Avoid (Stability) : Excessive Heat
5.3 Incompatibility : Strong oxidizing agents
5.4 Hazardous Decomposition or Byproducts : Iodine
: Iodine fumes when heated to decomposition
5.5 Hazardous Polymerization : Will not occur
5.6 Conditions to Avoid (Polymerization) : None

SECTION 6 – Health Hazard Data

6.1 Summary of Acute Hazards	: Minimal health hazard under normal conditions of use. Harmful if swallowed. Avoid contact with eyes and skin. Prolonged exposure may cause drowsiness. Some patients may experience an allergic reaction to the eugenol contained in product.
	: Not known to cause significant health problems.
6.2 Route of Exposure	: Inhalation, Eye contact, Skin absorption, Skin contact – N/A
6.3 Signs and Symptoms of Exposure	: Indigestion – Yes
6.4 Summary of Chronic Hazards	: None Known
	: Not Known 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
6.6 Emergency First Aid Procedures	: Not required

SECTION 7 – Precautions for Safe Handling & Use

7.1 Handling and Storage	: Keep in closed container stored in a cool, dry, ventilated area.
Precautions	: Avoid exposure to heat over 38 degrees.
7.2 Steps to be Taken if Material is released or spilled	: Wear gloves. Soak up spilled materials with paper towel 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 8 – Control Measures

8.1 Respiratory Protection	: Avoid breathing of vapors
8.2 Ventilation	: Local exhaust ventilation
8.3 Protective Gloves	: Impervious gloves recommended
8.4 Eye Protection	: Chemical safety gloves 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.