

# MATERIAL SAFETY DATA SHEET

Product: Endotine

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## PRODUCT: Endotine

### GENERAL INFORMATION

**DISTRIBUTOR:** Septodont, Inc.  
245C Quigley Blvd.  
New Castle, DE 19720  
(302) 328-1102

**Medical Emergency Only:** 800-535-5053

### HAZARDOUS INGREDIENTS/INFORMATION

Hazardous Components:	OSHA PEL:	ACGIH TLV:	Other Recommended Limits:
Ethyl Alcohol C <sub>2</sub> H <sub>5</sub> OH	1000 ppm	1000 ppm	N/A
Metacresyl Acetate CH <sub>3</sub> C <sub>6</sub> H <sub>4</sub> OCOCH <sub>3</sub>	None	None	Cresol PEL/TLV: 5 ppm
Pentachlorophenol C <sub>6</sub> CL <sub>5</sub> OH	0.5 mg/m <sup>3</sup>	0.5 mg/m <sup>3</sup>	

### PHYSICAL CHARACTERISTICS

*Boiling Point:* 78°C or greater  
*Vapor Pressure:* 40 mm Hg or greater  
*Vapor Density:* 1.6 or greater  
*Evaporation Rate:* N/A  
*Appearance and Odor:* Clear liquid; slightly fragrant odor.

*Solubility in Water:* generally soluble  
*Specific Gravity:* .79 or greater  
*Melting Point:* 114°C or greater

### REACTIVITY DATA

*Stability:* Stable  
*Incompatibility:* Strong oxidizers; acetyl chloride  
*Hazardous Polymerization:* Will not occur  
*Hazardous Decomposition:* When heated could produce small amounts of hydrogen chloride or chlorinated phenols.

### FIRE & EXPLOSION INFORMATION

*Flash Point:* 55°F or greater  
*LEL:* 3.3  
*UEL:* 19  
*Flammable Limits:* % by volume

*Extinguishing Media:* Foam, dry chemical, CO<sub>2</sub>. Water may be ineffective but can be used to cool exposed containers and water spray used to dilute spills to non-flammable mixtures.

*Special Fire Fighting Procedures:* Wear protective gear and self-contained breathing apparatus. Use water spray to disperse vapors and cool tanks and containers.

*Special Fire and Explosion Hazards:* Flammable. May produce small quantities of hydrogen chloride and chlorinated phenols.

### HEALTH HAZARD DATA

*Routes of Entry - Inhalation:* yes    *Skin:* yes    *Ingestion:* yes  
*Health Hazards (acute & chronic):* \*

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*Carcinogenicity:* NTP? No IARC Monographs? No OSHA Regulated? No

*Signs & Symptoms of Exposure:* Discomfort of upper respiratory passages; eye irritation and tearing; skin irritation/rash; confusion, poor coordination.

*Medical Conditions Generally Aggravated by Exposure:* Pre-existing illnesses of liver, kidney, central nervous system and reproductive organs.

*Emergency and First Aid Procedures:* If inhaled, move to fresh air; if unconscious, give artificial respiration; if difficulty in breathing, give oxygen. If eye contact, flush eyes with plenty of water for at least 15 minutes. If skin contact, flush with water for at least 15 minutes while removing contaminated clothing. If swallowed, do not induce vomiting. Give large amounts of water. Never give anything by mouth to a person who is unconscious. In all cases, immediately call a physician.

\* See attached individual component data sheets.

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## CONTROL/PROTECTION INFORMATION

*Respiratory Protection:* Single dental patient use in properly ventilated room/area should not necessitate use of respirators. If unsure of exposure and for other exposures, use a NIOSH approved air purifying respirator for low concentrations and a positive pressure respirator or higher concentrations.

*Ventilation – Local:* Normally not needed for single patient mixtures. For larger quantity, refer to component data sheets.

*Mechanical:* As required

*Protective Gloves:* Neoprene if needed

*Eye Protection:* Wear safety glasses; chemical splash goggles for protection from splashing or spills and for repeated use.

*Other Protective Clothing/Equipment:* Normally not needed for single patient mixtures.

*Work/Hygienic Practices:* Avoid eye and skin contact. Avoid breathing vapors or mist. Wash thoroughly after handling. Use in ventilated area.

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## SAFE HANDLING & DISPOSAL INFORMATION

*Steps to Take in Case of Spill:* Review all safety and fire procedures before clean up. Wear appropriate personal protective equipment and self-contained breathing apparatus, as spill size and conditions warrant. Ventilate area. Remove sources of heat, sparks, flame and electricity. For spills where vapors are significant, control vapors with water spray. Soak up with absorbent material, place in container and label.

*Waste Disposal Method:* Follow Federal, state and local regulations. Small quantities as used with single patient may be diluted and flushed in sewer as laboratory material. Obtain proper authorization from correct agency before placing in sewer systems.

*Precautions when Handling and Storing:* Keep containers tightly closed. Store in cool, dry area away from heat and flame. Do not open or use in or around heat or flame. Do not smoke around product. Use in ventilated area.

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## DISCLAIMER

Information and statements contained in this document have been obtained from manufacturers, suppliers, and recognized reference sources as provided to or obtained by Septodont, Inc.

Septodont, Inc. believes the information to be reliable but expressly disclaims any liability for providing such information and toxicological data to our customers.

*This MSDS is only complete when the following data sheets are attached: Ethyl Alcohol, Metacresyl Acetate and Pentachlorophenol.*