

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard.
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List)

EZ-FILL Epoxy Root Canal Cement (POWDER)

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name

Essential Dental Systems, Inc.

Address (Number, Street, City, State, and ZIP Code)

89 Leuning Street

South Hackensack, NJ 07606

Emergency Telephone Number

Telephone Number for Information

(201) 487-9090

Date Prepared

September 24, 1997

Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Names)	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
HEXAMETHYLENFTETRAMINE		[100-97-0]		

Section III — Physical/Chemical Characteristics

Boiling Point	ND	Specific Gravity (H ₂ O = 1)	≈ 1.4
Vapor Pressure (mm Hg.)	ND	Melting Point	ND
Vapor Density (AIR = 1)	ND	Evaporation Rate (Butyl Acetate = 1)	ND
Solubility in Water INSOLUBLE			
Appearance and Odor YELLOWISH, OFF WHITE POWDER			

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) ND	Flammable Limits ND	LEL ND	UEL ND
Extinguishing Media DRY CHEMICAL FOAM, CO ₂			
Special Fire Fighting Procedures			

Unusual Fire and Explosion Hazards

MATERIAL MAY BURN IF EXPOSED TO FLAME.

EZ-FILL epoxy Root Canal Cement (POLYMER)

Section V — Reactivity Data

Stability	Unstable	X	Conditions to Avoid
	Stable		HIGH TEMPERATURES

Incompatibility (Materials to Avoid)
ND

Hazardous Decomposition or Byproducts
ND

Hazardous Polymerization IN LARGE QUANTITIES	May Occur	X	Conditions to Avoid
	Will Not Occur		HIGH TEMPERATURES

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	ND	ND	ND

Health Hazards (Acute and Chronic)
CONSIDERED AS PRACTICALLY NON-TOXIC ORALLY

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
ND	ND	ND	ND

Signs and Symptoms of Exposure
REPEATED CONTACT WITH SKIN MAY CAUSE REDDENING AND IRRITATION.

Medical Conditions
Generally Aggravated by Exposure

UNKNOWN

Emergency and First Aid Procedures

EYES - FLUSH WITH COPIOUS AMOUNTS OF WATER. SKIN - WASH WITH SOAP AND WATER.

INGESTION - SEEK MEDICAL ATTENTION

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Waste Disposal Method

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL AUTHORITIES

Precautions to Be Taken in Handling and Storing

STORE AT OR BELOW ROOM TEMPERATURE

Other Precautions

Section VIII — Control Measures

Respiratory Protection (Specify Type)
NONE REQUIRED

Ventilation	Local Exhaust	Special
	Mechanical (General)	Other
NONE		

Protective Gloves
RECOMMENDED

Eye Protection
RECOMMENDED

Other Protective Clothing or Equipment
NONE

Work/Hygienic Practices
GENERAL SAFE PRACTICES

INFORMATION HEREIN IS GIVEN IN GOOD FAITH. HOWEVER, NO WARRANTY EXPRESSED OR IMPLIED, CAN BE MADE, AND

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EZ-FILL Epoxy Root Canal Cement (LIQUID OR GEL.)

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Section III — Physical/Chemical Characteristics

Boiling Point	ND	Specific Gravity (H ₂ O = 1)	≈ 1.3
Vapor Pressure (mm Hg.)	ND	Melting Point	ND
Vapor Density (AIR = 1)	ND	Evaporation Rate (Butyl Acetate = 1)	ND
Solubility in Water INSOLUBLE			
Appearance and Odor CLEAR WHITE GEL			

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) ND	Flammable Limits ND	LEL ND	UEL ND
Extinguishing Media DRY CHEMICAL FOAM, CO ₂			
Special Fire Fighting Procedures			

Unusual Fire and Explosion Hazards

MATERIAL MAY BURN IF EXPOSED TO FLAME.

EZ-FILL Epoxy Root Canal Cement (LIQUID OR GEL)

Section V — Reactivity Data

Stability	Unstable	X	Conditions to Avoid
	Stable		HIGH TEMPERATURES

Incompatibility (Materials to Avoid)
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Hazardous Decomposition or Byproducts
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Hazardous Polymerization IN LARGE QUANTITIES	May Occur	X	Conditions to Avoid
	Will Not Occur		HIGH TEMPERATURES

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	ND	MILD TO MODERATE SKIN IRRITATION	ND

Health Hazards (Acute and Chronic)
CONSIDERED AS PRACTICALLY NON-TOXIC ORALLY

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
ND	ND	ND	ND

Signs and Symptoms of Exposure
REPEATED CONTACT WITH SKIN MAY CAUSE REDDENING AND IRRITATION.

Medical Conditions
Generally Aggravated by Exposure

UNKNOWN

Emergency and First Aid Procedures
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DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL AUTHORITIES

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Other Precautions

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Respiratory Protection (Specify Type)
NONE REQUIRED

Ventilation	Local Exhaust	Special
NONE	Mechanical (General)	Other

Protective Gloves	Eye Protection
RECOMMENDED	RECOMMENDED

Other Protective Clothing or Equipment
NONE

Work/Hygiene Practices
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