

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.

IDENTITY (As Used on Label and List)

EZ-FILL Epoxy Root Canal Cement (POWDER)

Section I

Manufacturer's Name

Essential Dental Systems, Inc.

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

89 Leuning Street

South Hackensack, NJ 07606

U.S. Department of Labor

Occupational Safety and Health Administration

(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072



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.

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 Name(s))

OSHA PEL

ACGIH TLV

Other Limits
Recommended

% (optional)

HEXAMETHYLENEDIAMINE

[100-97-0]

Section III — Physical/Chemical Characteristics

Boiling Point

ND

Specific Gravity (H₂O = 1)

≈ 1.4

Vapor Pressure (mm Hg.)

ND

Melting Point

ND

Vapor Density (AIR = 1)

ND

Evaporation Rate

ND

(Butyl Acetate = 1)

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, CO₂

Special Fire Fighting Procedures

Unusual Fire and Explosion Hazards

MATERIAL MAY BURN IF EXPOSED TO FLAME.

EZ-FILL epoxy Root Canal Cement (POWDER)

Section V — Reactivity Data

Stability	Unstable	X	Conditions to Avoid HIGH TEMPERATURES
	Stable		

Incompatibility (Materials to Avoid)

ND

Hazardous Decomposition or Byproducts

ND

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

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

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Specific Gravity (H₂O = 1)

≈ 1.3

Vapor Pressure (mm Hg.)

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Melting Point

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Vapor Density (AIR = 1)

ND

Evaporation Rate

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

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Stability	Unstable		Conditions to Avoid
	Stable	X	HIGH TEMPERATURES

Incompatibility (Materials to Avoid)

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Hazardous Decomposition or Byproducts

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

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Signs and Symptoms of Exposure

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Other

Protective Gloves

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Eye Protection

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