

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard.
29 CFR 1900, 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)

SECTION I

Manufacturer's Name
Essential Dental Systems, Inc.
Address (Number, Street, City, State, Zip)
89 Leuning Street
South Hackensack, NJ 07606

Emergency Telephone Number

Telephone Number for Information
(201) 487-9090

Date Prepared
May 1, 2012

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity)	OSHA PEL	ACHIH TIV	Other Limits Recommended	%Optional
HEXAMETHYLENETETRAMINE (100-97-0)				

SECTION III - Physical/Chemical Characteristics

Boiling Point NE	Specific Gravity (H₂O = 1) ~ 1.4
Vapor Pressure (mm Hg) N/A	Melting Point N/A
Vapor Density (AIR =1) N/A	Evaporation Rate (Butyl Acetate = 1) N/A
Solubility in Water INSOLUBLE	
Appearance and Odor YELLOW OFF WHITE POWDER	

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media DRY CHEMICAL FOAM, CO ₂ , DRY CHEMICAL			
Special Fire Fighting Procedures N/A			
Unusual Fire and Explosion Hazards MATERIAL MAY BURN IF EXPOSED TO FLAME.			

SECTION V - Reactivity Data

Stability	Unstable	Conditions to Avoid HIGH TEMPERATURES
	Stable X	
Incompatibility (Materials to Avoid)		
N/A		
Hazardous Decomposition or Byproducts		
N/A		
Hazardous Polymerization	May Occur X	Conditions to Avoid HIGH TEMPERATURE , STRONG OXIDIZERS AND PEROXIDES

Will not Occur

SECTION VI - Health Hazard Data

Routes of Entry: **Inhalation** **Skin** **Ingestion**
N/A Yes N/A

Health Hazards (Acute and Chronic)

CONSIDERED AS PRACTICALLY NON-TOXIC ORALLY

Carcinogenicity: NTP IARC Monographs OSHA Regulated

NONE KNOWN

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

NONE

SECTION VIII - Control Measures**Respiratory Protection (Specify Type)**

N/A

Ventilation:	Local Exhaust	Special
N/A	N/A	N/A
	Mechanical (General)	Other

Protective Gloves	Eye Protection
RECOMMENDED	RECOMMENDED

Other Protective Clothing or Equipment

N/A

Work/Hygienic Practices

GENERAL SAFE PRACTICES

The data given here is based on current knowledge and experience. The data does not signify any warranty with regard to the product's properties.

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IDENTITY (As used on label and list)
EZ-Fill Epoxy Root Canal Cement (Gel or Liquid)

SECTION I

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Hazardous Components (Specific Chemical Identity)	OSHA PEL	ACHIH TIV	Other Limits Recommended	%Optional
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SECTION III - Physical/Chemical Characteristics

Boiling Point NE	Specific Gravity (H₂O = 1) ~ 1.3
Vapor Pressure (mm Hg) N/A	Melting Point N/A
Vapor Density (AIR =1) N/A	Evaporation Rate (Butyl Acetate = 1) N/A
Solubility in Water INSOLUBLE	
Appearance and Odor CLEAR WHITE GEL	

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media DRY CHEMICAL FOAM, CO ₂ , DRY CHEMICAL			
Special Fire Fighting Procedures N/A			
Unusual Fire and Explosion Hazards MATERIAL MAY BURN IF EXPOSED TO FLAME.			

SECTION V - Reactivity Data

Stability	Unstable	Conditions to Avoid HIGH TEMPERATURES
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Stable
X

Incompatibility (Materials to Avoid)

N/A

Hazardous Decomposition or Byproducts

N/A

Hazardous Polymerization	May Occur X	Conditions to Avoid HIGH TEMPERATURE
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Will not Occur

SECTION VI - Health Hazard Data

Routes of Entry:	Inhalation	Skin	Ingestion
	N/A	MILD TO MODERATE SKIN IRRITATION	N/A

Health Hazards (Acute and Chronic)

CONSIDERED AS PRACTICALLY NON-TOXIC ORALLY

Carcinogenicity: NTP IARC Monographs OSHA Regulated

NONE KNOWN

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 AVOID MOISTURE CONTACT IN UNPOLYMERIZED STATE

Other Precautions

NONE

SECTION VIII - Control Measures

Respiratory Protection (Specify Type)

N/A

Ventilation:	Local Exhaust	Special
N/A	N/A	N/A
	Mechanical (General)	Other

Protective Gloves	Eye Protection
RECOMMENDED	RECOMMENDED

Other Protective Clothing or Equipment

N/A

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