

**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

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**IDENTITY** (As used on label and list)

Ti-Core Auto E (Base)

**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**

March 1, 2009

**SECTION II - Hazardous Ingredients/Identity Information**

**Hazardous Components**

(Specific Chemical Identity) OSHA PEL ACHIH TIV Recommended %Optional

AROMATIC AND ALIPHATIC DIMETHACRYLATES

INORGANIC PIGMENTS

NN'-DIHYDROXYETHYL P-TOLUIDINE

**Other Limits**

**SECTION III - Physical/Chemical Characteristics**

**Boiling Point**

NE

**Vapor Pressure (mm Hg)**

N/A

**Vapor Density (AIR =1)**

N/A

**Solubility in Water**

INSOLUBLE

**Appearance and Odor**

OFF WHITE PASTE WITH CHARACTERISTIC ACRYLATE ODOR

**Specific Gravity (H<sub>2</sub>O = 1)**

1.7

**Melting Point**

N/A

**Evaporation Rate (Butyl Acetate = 1)**

N/A

**SECTION IV - Fire and Explosion Hazard Data**

**Flash Point (Method Used) Flammable Limits LEL UEL**

N/A N/A N/A N/A

**Extinguishing Media**

DRY CHEMICAL FOAM, CO<sub>2</sub>, 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

**Incompatability (Materials to Avoid)**

N/A

**Hazardous Decomposition or Byproducts**

N/A

Hazardous Polmerization	May Occur X	Conditions to Avoid HIGH TEMPERATURE, STRONG OXIDIZERS AND PEROXIDES
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Will not Occur

**SECTION VI - Health Hazard Data**

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

**Health Hazards (Acute and Chronic)**

None

**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.

**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
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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)

Ti-Core Auto E (Catalyst)

**SECTION I**

**Manufacturer's Name**

Essential Dental Systems, Inc.

**Address (Number, Street, City, State, Zip)**

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South Hackensack, NJ 07606

**Emergency Telephone Number**

**Telephone Number for Information**

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**SECTION II - Hazardous Ingredients/Identity Information**

**Hazardous Components**

**Other Limits**

(Specific Chemical Identity) OSHA PEL ACHIH TIV Recommended %Optional

AROMATIC AND ALIPHATIC DIMETHACRYLATE MONOMERS

BENZOYL PEROXIDE

2,6-DI-TER BUTYL-P-CRESOL (BHT)

**SECTION III - Physical/Chemical Characteristics**

**Boiling Point**

NE

**Specific Gravity (H<sub>2</sub>O = 1)**

1.7

**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**

OFF WHITE PASTE WITH CHARACTERISTIC ACRYLATE ODOR

**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<sub>2</sub>, DRY CHEMICAL

**Special Fire Fighting Procedures**

N/A

**Unusual Fire and Explosion Hazards**

MATERIAL MAY BURN IF EXPOSED TO FLAME.



