

MSDS Name: TI-CORE MATERIAL NATURAL KIT
Manufacturer Name: Essential Dental Systems, Inc.
KIT NUMBER: 73095841

Product Codes:
73095841

Components:	
:	Ti-Core Natural (Catalyst)
:	Ti-Core Natural (Base)

Essential Dental Systems, Inc.

Ti-Core Natural (Catalyst)

SECTION 1 : Chemical Product and Company Identification

MSDS Name: Ti-Core Natural (Catalyst)
Manufacturer Name: Essential Dental Systems, Inc.
Address:
89 Leuning Street
South Hackensack, NJ 07606

Business Phone: (201) 487-9090

For information in North America, call: (201) 487-9090

Manufacturer MSDS Revision Date:

1/02/01

Supersedes: 1/26/94

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)

SECTION 2 : Hazardous Ingredients/Identity Information

Chemical Name Aromatic and Aliphatic Dimethacrylate Monomers			
Chemical Name Benzoyl Peroxide			
Chemical Name 2, 6 DI-TER Butyl-P-Cresol (BHT)			

SECTION 3 : Physical And Chemical Characteristics

Physical State/Appearance:

Paste

Color:

Off white

Odor:

Characteristic acrylate odor

Vapor Pressure:

(mm Hg.): Not Determined

Vapor Density:

(AIR = 1): Not Determined

Boiling Point:

Not Determined

Melting Point:

Not Determined

Solubility:

In Water: Insoluble

Specific Gravity:

(H₂O = 1): ~1.9

Evaporation Point:

(Butyl Acetate = 1): Not Determined

FlashPoint:

Not Determined

Upper Flammable Explosive Limit:

Not Determined

Lower Flammable Explosive Limit:

Not Determined

SECTION 4 : Fire And Explosion Hazards

Fire:

Flammable Limits: Not Determined

Flash Point:

Not Determined

Flash Point Method:

Not Determined

Upper Flammable or Explosive Limit: Not Determined

Lower Flammable or Explosive Limit: Not Determined

Extinguishing Media:

Dry chemical foam, CO2, dry chemical

Unusual Fire Hazards:

Material may burn if exposed to flame

SECTION 5 : Health Hazards

Applies to All Ingredients:

Route of Exposure:

Inhalation: Not Determined

Skin: Mild to moderate skin irritation

Ingestion: Not Determined

Potential Health Effects:

Acute: Considered as practically non-toxic orally

Chronic Health Effects:

Considered as practically non-toxic orally

Carcinogenicity:

Not Determined

OSHA Designation: Regulated? Not Determined

NTP Designation: Not Determined

IARC Designation: Monographs? Not Determined

Signs/Symptoms:

Repeated contact with skin may cause reddening and irritation.

Aggravation of Pre-Existing Conditions:

Unknown

SECTION 6 : Emergency And First Aid Procedures

Eye Contact:

Flush with copious amounts of water

Skin Contact:

Wash with soap and water

Ingestion:

Seek medical attention

SECTION 7 : Reactivity Data

Chemical Stability:

Stable

Conditions to Avoid:

High temperatures

Incompatibilities with Other Materials:

Not Determined

Hazardous Polymerization:

In large quantities: May Occur

Conditions to Avoid: High temperatures, contact with tertiary amine based compounds

Hazardous Decomposition Products:

None Known

SECTION 8 : Precautions For Safe Handling

Storage:

Stores at or below room temperature. Avoid moisture contact in unpolymerized state

Work Practices:

General safe practices

Hygiene Practices:

General safe practices

Waste Disposal:

Dispose of in accordance with federal, state, and local authorities

SECTION 9 : Control Measures

Ventilation System:

None

Hand Protection Description:

Protective Gloves: Recommended

Eye/Face Protection:

Recommended

Respiratory Protection:

(Specify Type): None required

Other Protective:

None

Work/Hygienic Practices: General safe practices

SECTION 10 : Other Information

Applies to all ingredients:

OSHA 29 CFR 1200:

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MSDS Revision Date:

1/02/01

Supersedes: 1/26/94

Disclaimer:

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Essential Dental Systems, Inc.

Ti-Core Natural (Base)

SECTION 1 : Chemical Product and Company Identification

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U.S. Department of Labor

Occupational Safety and Health Administration

(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072

SECTION 2 : Hazardous Ingredients/Identity Information

Chemical Name			

Aromatic and aliphatic dimethacrylates			
Chemical Name Inorganic pigments			
Chemical Name NN' Dihydroxyethyl P-Toluidine			

SECTION 3 : Physical And Chemical Characteristics

Physical State/Appearance:

Paste

Color:

Off white

Odor:

Characteristic acrylic odor

Vapor Pressure:

(mm Hg.): Not Determined

Vapor Density:

(AIR = 1): Not Determined

Boiling Point:

Not Determined

Melting Point:

Not Determined

Solubility:

In Water: Insoluble

Specific Gravity:

(H₂O = 1): ~1.9

Evaporation Point:

(Butyl Acetate = 1): Not Determined

FlashPoint:

Not Determined

Upper Flammable Explosive Limit:

Not Determined

Lower Flammable Explosive Limit:

Not Determined

SECTION 4 : Fire And Explosion Hazards

Fire:

Flammable Limits: Not Determined

Flash Point:

Not Determined

Flash Point Method:

Not Determined

Upper Flammable or Explosive Limit: Not Determined

Lower Flammable or Explosive Limit: Not Determined

Extinguishing Media:

Dry chemical foam, CO2, Dry chemical

Unusual Fire Hazards:

Material may burn if exposed to flame.

SECTION 5 : Health Hazards

Applies to All Ingredients:

Route of Exposure:

Inhalation: Not Applicable

Skin: Yes

Ingestion: Not Applicable

Potential Health Effects:

Acute: None known

Chronic Health Effects:

None known

Carcinogenicity:

Not Applicable

Signs/Symptoms:

Repeated contact with skin may cause reddening and irritation.

Aggravation of Pre-Existing Conditions:

Unknown

SECTION 6 : Emergency And First Aid Procedures

Eye Contact:

Flush with copious amounts of water.

Skin Contact:

Wash with soap and water.

SECTION 7 : Reactivity Data

Chemical Stability:

Stable

Conditions to Avoid:

High temperatures

Incompatibilities with Other Materials:

Not Determined

Hazardous Polymerization:

May Occur

Conditions to Avoid: High temperatures, strong oxidizers and peroxides

Hazardous Decomposition Products:

Not Determined

SECTION 8 : Precautions For Safe Handling

Storage:

Store at or below room temperature avoid moisture contact in unpolymerized state.

Hygiene Practices:

General safe practices

Waste Disposal:

Dispose of in accordance with federal, state, and local authorities.

SECTION 9 : Control Measures

Ventilation System:

None

Hand Protection Description:

Protective Gloves: Recommended

Eye/Face Protection:

Recommended

Respiratory Protection:

None required

Other Protective:

None

Work/Hygienic Practices: General safe practices

SECTION 10 : Other Information

Applies to all ingredients:

OSHA 29 CFR 1200:

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