

# Essential Dental Systems

## Safety Data Sheet according to 91/155/EEC

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product details

Trade name: TI-CORE NEW & IMPROVED W/ TITANIUM (BASE)

Application:

Manufacturer/Supplier: ESSENTIAL DENTAL SYSTEMS, INC.

Emergency information: 1-800-223-5394 or 1-201-487-9090

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Description: GRAYISH BLACK PASTE

Hazardous Components:

CAS	Designation	%	Index	R phrases
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Non-hazardous Components:

CAS	Designation	%
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AROMATIC AND ALIPHATIC DIMETHACRYLATES  
INORGANIC PIGMENTS  
NN' DIHYDROXYETHYL P-TOLUIDINE

### 3. HAZARDS IDENTIFICATION

Hazard designation: -

Information pertaining to particular dangers for man and environment: -

Classification system: Classification is in line with EC directive 88/379/EEC.

### 4. FIRST-AID MEASURES

General information: -

After inhaling: -

After skin contact: Wash with soap and water

After eye contact: Flush with copious amounts of water

After swallowing: Seek medical attention if needed

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**5. FIRE-FIGHTING MEASURES**

Extinguishing media: DRY CHEMICAL FOAM, CO2, DRY CHEMICAL

Unsuitable extinguishing media: -

Special hazards: -

Protective equipment: -

**6. ACCIDENTAL RELEASE MEASURES**

Precautionary measures for man: -

Precautionary measures for environment: -

Steps to be taken in case material is released or spilled: -

**7. HANDLING AND STORAGE**

Handling

Precautions for safe handling:

Storage

Recommended storage in stores and containers:

STORE AT OR BELOW ROOM TEMPERATURE  
AVOID MOISTURE CONTACT IN UNPOLYMERIZED  
STATE

Do not store together with:

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Components with recommended limits for places of work

CAS-No	Designation	%	Type	Value	Unit
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Further information: -

Personal protective equipment

Work/Hygienic practices: GENERAL SAFE PRACTICES

Respiratory protection: NONE REQUIRED

Hand protection: RECOMMENDED

Eye protection: RECOMMENDED

Skin protection: -

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: GRAYISH BLACK PASTE

Oder: CHARACTERISTIC ACRYLATE ODER

	Value/Range	Unit	Method
Melting point/melting range:	ND		
Boiling point/boiling range:	ND		
Flash point:	ND		
Flammability:	ND		
Auto flammability:	ND		
Explosive properties:	ND		
Explosive limits in air:	ND		
-LEL:			
-UEL:			
Vapor pressure (T= °C):	ND		
Relative density (T= °C):	ND		
Solubility: INSOLUBLE IN WATER			
pH:	ND		
Viscosity:(T= ):	ND		

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**10. STABILITY AND REACTIVITY**

When mixed with Ti-Core New & Improved w/ Titanium Catalyst, the product forms a stable inert mass for intra-oral use.

Conditions to avoid: HIGH TEMPERATURES, STRONG OXIDIZERS AND PEROXIDES

Materials to avoid:

Hazardous decomposition products:

**11. TOXICOLOGICAL INFORMATION**

Acute toxicity

Component	Type	Value	Species
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Ingestions:

Primary effects:

-to skin: REPEATED CONTACT WITH SKIN MAY CAUSE REDDENING AND IRRITATION

-to eyes: MAY CAUSE IRRITATION DUE TO FOREIGN BODY REACTION

-to respiratory system: NOT APPLICABLE

Sensitization:

Sub acute/chronic toxicity:-

Further toxicological information:-

**12. ECOLOGICAL INFORMATION**

Elimination/Persistence/Degradability: -

Ecotoxicological effects: -

General information: -

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**13. DISPOSAL CONSIDERATIONS**

Product: DISPOSE ACCORDING TO THE LOCAL OFFICIAL REGULATIONS

Contaminated packing: DISPOSE ACCORDING TO THE LOCAL OFFICIAL REGULATIONS

**14. TRANSPORT INFORMATION**

Transport over land ADR/RID and GGVS/GGVE

ADR/RID-GGVS/E-Class: -                      Number/Item: -  
UN-No.: -    Designation: -

Sea-transport IMDG/GGV Sea

IMDG/GGVSea-Class: -                      UN-No.: -                      Page: -  
Packing group: -                              Marine pollutant: -                      EmS-No.: -

Air transport ICAO-Tri and IATA-DGR

Packing Group: -                      UN/ID-No.: -                      Page: -

**15. REGULATORY INFORMATION**

Label according to the EC directive:

Index and hazard designation of the product: Non Hazardous

Labeling of dangerous substances: -

R phrases: -

S phrases: -

Special labellings: -

National regulation

Classification on VbF: -  
Water pollution class: -

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16. OTHER INFORMATION

INFORMATION HEREIN IS GIVEN IN GOOD FAITH. HOWEVER, NO WARRANTY, EXPRESSED OR IMPLIED, CAN BE MADE, AND WE ASSUME NO LIABILITY RESULTING FROM ITS USE.