


# SAFETY DATA SHEET

## EsTemp NE Catalyst

### SECTION 1. IDENTIFICATION

<b>Product Name</b>	HEXA Dental Temporary Cement, Automix Non-Eugenol - HTC-0001
<b>Identified uses</b>	Dental Zinc Oxide Non-Eugenol Cement. For dental professionals only.
<b>Supplier</b>	 Hexa Dental
<b>Contact Person</b>	www.hexadental
<b>Manufacturer</b>	5211 E. Washington Blvd., Suite #2-201, Commerce CA 90040 info@hexadental.com tel: 626-677-0486

### SECTION 2. HAZARD(S) IDENTIFICATION

<b>GHS Classification</b>	Skin Irritation	2
	Eye Irritation	2A
<b>GHS Pictogram</b>		
<b>Signal Word</b>	Warning	
<b>Hazard Statements</b>	H315	May cause skin irritation
	H319	May cause serious eye irritation.
<b>Precautionary Statements</b>	Prevention	
	P264	Wash your body thoroughly after handling.
	P280	Wear protective gloves and eye protection
	Response	
	P302+P352	If on skin, wash with plenty of soap and water.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P332+P313	IF SKIN irritation occurs: Get medical advice/attention.
	P362+P364	Take off contaminated clothing and wash it before reuse.
	P321	Specific treatment (see supplemental first aid measures.)
	P337+P313	IF eye irritation persists: Get medical advice/attention.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	EC No.	% by Wt
Polymerized rosin	65997-05-9	232-475-7	50~70
2-Ethoxy benzoic acid	134-11-2	205-130-3	10~20
Decanoic acid	334-48-5	206-376-4	20~30
Octanoic acid	124-07-2	204-677-5	<5

## **SECTION 4. FIRST-AID MEASURES**

### **Description of first aid measures**

#### **General Information**

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### **Inhalation**

Move the exposed person to fresh air at once.

#### **Ingestion**

Try to induce vomiting. Get medical attention if any discomfort continues.

#### **Skin Contact**

Wash the skin immediately with soap and water.

#### **Eye Contact**

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

### **Most important symptoms and effects, both acute and delayed.**

#### **Ingestion**

Slightly irritating. (DIGESTIVE SYSTEM.)

#### **Skin Contact**

Slightly irritating. May cause sensitization by skin contact.

#### **Eye Contact**

Slightly Irritating.

### **Indication of any immediate medical attention and special treatment needed**

#### **Notes To the Physician**

CAUTION! First aid personnel must be aware of own risk during rescue! Wear suitable protective clothing.

## **SECTION 5. FIRE-FIGHTING MEASURES**

### **Appropriate Extinguishing Media**

To extinguish a fire caused by or related to this chemical, use alcohol-resistant foam, Carbon Dioxide (CO<sub>2</sub>), or water spray. Use dry sand or soil to smother the fire.

### **Specific hazard arising from the chemical.**

Smoke (fumes) can be produced due to pyrolysis or combustion process.

### **Special Protective Equipment & Precautions for Freighters**

Fire-fighters should wear appropriate protective equipment. Stay a safe distance away from the fire while extinguishing. If not dangerous, remove the container from the fire. To dispose of fire water, pour it into a spacious dug lot and make sure it is not spilled or scattered outward. If not dangerous, remove the container from the fire.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions**

Wear protective clothing as described in Section 8 of this material safety data sheet.

### **Environmental Precautions**

Do not allow to enter drains, sewers, or watercourses.

### **Spill Clean Up Methods**

Extinguish all ignition sources. Avoid sparks, flames, heat, and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers.

### **Reference to other sections**

For personal protection, see section 8.

## SECTION 7. HANDLING AND STORAGE

### Handling

All handling to take place in well-ventilated area.

### Storage

Store in a cool, dark place (0-25°C, 32-77°F). Keep away from heat, direct sunlight, sparks and open flames.

### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Engineering Measures

Provide adequate general and local exhaust ventilation.

### Respiratory Equipment

In case of inadequate ventilation use suitable respirator.

### Hand Protection

Wear protective gloves.

### Eye Protection

Wear approved safety goggles.

### Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

### Hygiene Measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance Paste</b>	Paste
<b>Color</b>	Yellow
<b>Odor</b>	No information available.
<b>Solubility</b>	No information available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Melting point (°C)</b>	Not available.
<b>Relative density</b>	1.9
<b>Vapor density (air=1)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>pH-Value, Conc. Solution</b>	7
<b>pH-Value, Diluted Solution</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Decomposition temperature (°C)</b>	Not available.
<b>Odour Threshold, Lower</b>	Not available.
<b>Odour Threshold, Upper</b>	Not available.
<b>Flash point</b>	>100°C.
<b>Auto Ignition Temperature (°C)</b>	Not available.
<b>Flammability Limit - Lower (%)</b>	Not available.
<b>Flammability Limit - Upper (%)</b>	Not available.
<b>Partition Coefficient (N-Octanol/Water)</b>	Not available.
<b>Explosive properties</b>	Not available.
<b>Other Flammability</b>	Not available.

Oxidizing properties

Not available.

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

May polymerize.

### Stability

Stable under normal temperature conditions and recommended use.

### Hazardous reactions

Not available.

### Conditions To Avoid

Keep away from heat, sparks, and open flame. Protect against direct sunlight.

### Materials To Avoid

Strong oxidizing agents.

### Hazardous Decomposition Products

Toxic gases are generated when heated.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute toxicity:

Not available.

### Skin Corrosion/Irritation:

Slightly irritating.

### Serious eye damage/irritation:

Slightly Irritating.

### Respiratory sensitization

Not available.

### Skin sensitization

May cause sensitization by skin contact.

### Carcinogenicity:

#### IARC Carcinogenicity

Not listed

#### NTP - Carcinogenicity

Not listed.

#### OSHA - Carcinogenicity

Not listed.

### Germ cell mutagenicity:

Not available.

### Reproductive Toxicity:

Not available.

### Specific target organ toxicity - single exposure:

#### STOT - Single exposure

Not available.

### Specific target organ toxicity - repeated exposure:

#### STOT - Repeated exposure

Not available.

**Aspiration hazard:**

Not available.

**SECTION 12. ECOLOGICAL INFORMATION****Toxicity**

No data available.

**Degradability**

No data available.

**Bio accumulative potential**

No data available on bioaccumulation.

**Partition coefficient**

Not available.

**Mobility:**

No information available.

**Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB Substances.

**Other adverse effects**

Not known.

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal Methods**

Dispose of waste and residues in accordance with local authority requirements.

**SECTION 14. TRANSPORT INFORMATION**

<b>UN No. (DOT/TDG)</b>	N/A
<b>UN No. (IMDG Code)</b>	N/A
<b>UN No. (ICAO TI/IATA DGR)</b>	N/A
<b>Proper Shipping Name</b>	Not applicable.
<b>Hazard Class</b>	No classification noted.
<b>Hazard Label</b>	No DOT label requirement noted.
<b>IATA Class</b>	Not classified as a dangerous goods under transport regulations.
<b>IMDG Class</b>	Not classified as a dangerous goods under transport regulations.
<b>ICAO Class</b>	Not classified as a dangerous goods under transport regulations.
<b>Transport Labels</b>	No transport warning sign required.
<b>Packing Group</b>	Not applicable.
<b>Environmentally Hazardous Substance</b>	Not applicable
<b>/Marine Pollutant</b>	
<b>Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code Notes</b>	Not applicable.

**SECTION 15. REGULATORY INFORMATION****Follow the regulations of the KFDA**

(Korea food & Drug Administration)

**Follow the regulations of the CE**

(Communaute Europeenne)

**Follow the regulations of the FDA 501 (k)**  
(Food & Drug administration)

## **SECTION 16. OTHER INFORMATION**

**Date**

2016/10/24 (Rev.1)

2018/3/22 (Rev.2)

2023/03/02 (Rev.3)

**Latest Issued Date**

2024/02/29

# SAFETY DATA SHEET

## EsTemp NE Base


### SECTION 1. IDENTIFICATION

**Product Name**                      HEXA Dental Temporary Cement, Automix Non-Eugenol - HTC-0001  
**Identified uses**                  Dental Zinc Oxide Non-Eugenol Cement. For dental professionals only.  
**Supplier**

  
Hexa Dental  
www.hexadental  
5211 E. Washington Blvd., Suite #2-201,  
Commerce CA 90040  
info@hexadental.com  
tel: 626-677-0486

**Contact Person**  
**Manufacturer**

### SECTION 2. HAZARD(S) IDENTIFICATION

<b>GHS Classification</b>	Skin Irritation	2
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	P362+P364	Take off contaminated clothing and wash it before reuse.
	P321	Specific treatment (see supplemental first aid measures.)
	P337+P313	IF eye irritation persists: Get medical advice/attention.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	EC No.	% by Wt
Zinc oxide	1314-13-2	215-222-5	70~90
Mineral oil	8042-47-5	232-455-8	10~15
Lecithin	8002-43-5	232-307-2	<5

## SECTION 4. FIRST-AID MEASURES

### **Description of first aid measures**

#### **General Information**

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#### **Inhalation**

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#### **Ingestion**

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#### **Skin Contact**

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### **Most important symptoms and effects, both acute and delayed**

#### **Ingestion**

Slightly irritating. (DIGESTIVE SYSTEM.)

#### **Skin Contact**

Slightly irritating. May cause sensitization by skin contact.

#### **Eye Contact**

Slightly Irritating.

### **Indication of any immediate medical attention and special treatment needed**

#### **Notes To The Physician**

CAUTION! First aid personnel must be aware of own risk during rescue! Wear suitable protective clothing.

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### **Environmental Precautions**

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### **Spill Clean Up Methods**

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### **Reference to other sections**

For personal protection, see section 8.

## SECTION 7. HANDLING AND STORAGE



**Handling**

All handling to take place in well-ventilated area.

**Storage**

Store in a cool, dark place (0-25°C, 32-77°F). Keep away from heat, direct sunlight, sparks and open flames.

**Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Measures**

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**Respiratory Equipment**

In case of inadequate ventilation use suitable respirator.

**Hand Protection**

Wear protective gloves.

**Eye Protection**

Wear approved safety goggles.

**Other Protection**

Wear appropriate clothing to prevent any possibility of skin contact.

**Hygiene Measures**

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Paste
<b>Color</b>	White
<b>Odor</b>	No information available.
<b>Solubility</b>	No information available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Melting point (°C)</b>	Not available.
<b>Relative density</b>	1.9
<b>Vapor density (air=1)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>pH-Value, Conc. Solution</b>	7
<b>pH-Value, Diluted Solution</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Decomposition temperature (°C)</b>	Not available.
<b>Odour Threshold, Lower</b>	Not available.
<b>Odour Threshold, Upper</b>	Not available.
<b>Flash point</b>	>100°C.
<b>Auto Ignition Temperature (°C)</b>	Not available.
<b>Flammability Limit - Lower (%)</b>	Not available.
<b>Flammability Limit - Upper (%)</b>	Not available.
<b>Partition Coefficient (N-Octanol/Water)</b>	Not available.
<b>Explosive properties</b>	Not available.
<b>Other Flammability</b>	Not available.
<b>Oxidizing properties</b>	Not available.

## SECTION 10. STABILITY AND REACTIVITY

### **Reactivity**

May polymerize.

### **Stability**

Stable under normal temperature conditions and recommended use.

### **Hazardous reactions**

Not available.

### **Conditions To Avoid**

Keep away from heat, sparks, and open flame. Protect against direct sunlight.

### **Materials To Avoid**

Strong oxidizing agents.

### **Hazardous Decomposition Products**

Toxic gases are generated when heated.

## SECTION 11. TOXICOLOGICAL INFORMATION

### **Acute toxicity:**

Not available.

### **Skin Corrosion/Irritation:**

Slightly irritating.

### **Serious eye damage/irritation:**

Slightly Irritating.

### **Respiratory sensitization**

Not available.

### **Skin sensitization**

May cause sensitization by skin contact.

### **Carcinogenicity:**

#### **IARC Carcinogenicity**

Not listed

#### **NTP - Carcinogenicity**

Not listed.

#### **OSHA - Carcinogenicity**

Not listed.

### **Germ cell mutagenicity:**

Not available.

### **Reproductive Toxicity:**

Not available.

### **Specific target organ toxicity - single exposure:**

#### **STOT - Single exposure**

Not available.

### **Specific target organ toxicity - repeated exposure:**

#### **STOT - Repeated exposure**

Not available.

### **Aspiration hazard:**

Not available.

## SECTION 12. ECOLOGICAL INFORMATION

### Toxicity

No data available.

### Degradability

No data available.

### Bio accumulative potential

No data available on bioaccumulation.

### Partition coefficient

Not available.

### Mobility:

No information available.

### Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB Substances.

### Other adverse effects

Not known.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14. TRANSPORT INFORMATION

UN No. (DOT/TDG)	N/A
UN No. (IMDG Code)	N/A
UN No. (ICAO TI/IATA DGR)	N/A
Proper Shipping Name	Not applicable.
Hazard Class	No classification noted.
Hazard Label	No DOT label requirement noted.
IATA Class	Not classified as a dangerous goods under transport regulations.
IMDG Class	Not classified as a dangerous goods under transport regulations.
ICAO Class	Not classified as a dangerous goods under transport regulations.
Transport Labels	No transport warning sign required.
Packing Group	Not applicable.
Environmentally Hazardous Substance /Marine Pollutant	Not applicable
Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code Notes	Not applicable.

## SECTION 15. REGULATORY INFORMATION

### Follow the regulations of the KFDA

(Korea food & Drug Administration)

### Follow the regulations of the CE

(Communaute Europeenne)

### Follow the regulations of the FDA 501 (k)

(Food & Drug administration)

## SECTION 16. OTHER INFORMATION

### **Revision Date**

2016/10/24 (Rev.1)

2018/3/22 (Rev.2)

2023/03/02 (Rev.3)

### **Latest Issued Date**

2024/02/29