

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

071895002

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

071894203 071894245 071895010

Self-Cure Composite Core Buildup Material

**SECTION I - PRODUCT/ COMPANY IDENTIFICATION**

Product Trade Name: Encore / Encore AF

Part (Item) Number: 310070, 310075, 310076, 310077, 310093, 310094, 310088, 310089

Manufactured for: CENTRIX INCORPORATED

Address: 770 River Road, Shelton, CT 06484 USA

Emergency Telephone Number: Toll-Free (800)235-5862, (203)929-5582

Date Revised: 5/2006

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

Hazardous Components:	%	CAS NO.	SYMBOL	R	OTHER LIMITS
Blend of multifunctional methacrylates	26 - 32	N/E	Xn/Xi	22/36/37/38	
Initiator	0.10 - 0.35	[94-36-0]	E/Xn	2/7/36/43	

**SECTION III - Hazards Identification**

HAZARD CLASSIFICATION Harmful

**SECTION IV - First Aid Measures**

Skin: Immediately wash skin with soap and water. If irritation occurs seek medical advice.

Ingestion: If swallowed do not induce vomiting. Give large quantities of water and milk. Seek medical attention.

Inhalation: Remove to fresh air. If breathing becomes difficult, contact a physician.

Eyes: Flush with plenty of water. Seek immediate medical attention by an Ophthalmologist.

**SECTION V - Fire-Fighting Measures**

The product is not considered to be a fire hazard.

The information below are given for extinguishing a fire generated by other sources.

Suitable extinguishing media: Water, Chemical Foam, Carbon Dioxide, or Dry Chemical.

Forbidden extinguishing media: Not determined.

Special firefighting measures: None. Wear self contained breathing apparatus.

Unusual fire and explosion hazards: Heat can cause polymerization with rapid release of energy.

Special protection equipment: Self Contained Breathing Apparatus if toxic fumes are generated

**SECTION VI - Accidental Release Measures**

Personal precautions: Adopt some precautions of section VII.

Environmental precautions: Keep spilled material out of sewers.

Reclaiming methods: Absorb spills with inert material - keep spilled material out of sewers

**SECTION VII - Handling and Storage**

Handling: Avoid unnecessary exposure.

Storage: Room temperature.

Containers: Supplied by manufacturer.

Incompatibilities: Avoid the contact with reducing and oxidizing agents, peroxides and amines.

Other precautions: Use according to directions. Avoid contact with eyes, skin and soft tissue.

**SECTION VIII - Exposure Controls / Personal Protection**

General measures: Local Exhaust Ventilation: Good general ventilation should be sufficient to control airborne levels of vapors released by uncured material.

Limits: TWA: Not determined TLV: Not determined.

Respiratory protection: Avoid prolonged or excessive breathing of vapors of uncured material.

Eye protection: Safety glasses or goggles.

Skin protection: Respect good personal hygiene practice. Avoid unnecessary exposure.

Hands protection: Impervious gloves.

Other equipment: Lab coat.

## SECTION IX - Physical and Chemical Properties

Appearance: Colored/uncolored paste  
Explosion limits: Not determined  
Odor: None Water solubility: Insoluble  
Boiling point: Not determined  
Evaporation rate: Not determined  
Flash point: Not determined

## SECTION X - Stability and Reactivity

Stability: Stable if stored as directed.  
Conditions to avoid: Heat, light, aging and contamination.  
Materials to avoid: Reducing and oxidizing agents, peroxides and amines.  
Hazardous decomposition products: Oxides of Carbon.  
Hazardous polymerization products: May occur.

## SECTION XI - Toxicological Information

Ingestion: Uncured material may be harmful or fatal if swallowed.  
Eye contact: May cause irritation and damage if not removed promptly.  
Skin contact: Prolonged or repeated exposure to uncured material may cause irritation or skin rash.  
Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.  
Prolonged exposure: Not applicable.

## SECTION XII - Ecological Information

There is no specific information on the product. Use according to good working practice.  
Avoid releasing the product into environment.

## SECTION XIII - Disposal Considerations

Unpolymerized (uncured) material may be hazardous waste. Incinerate uncured material and dispose in accordance with local regulations.

## SECTION XIV - Transport Information

Additional Information: Not dangerous cargo

## SECTION XV - Regulatory Information

CLASSIFICATION IN ACCORDANCE WITH EEC DIRECTIVES.

Hazard Classification Symbol: Xn  
R22 Harmful if swallowed.  
R36-38 Irritating to eyes, respiratory system and skin.  
S36 Wear suitable protective clothing.

Ingredients determining the label: Blend of multifunctional methacrylates

## SECTION XVI - Other Information

None

### CAUTION: PRODUCT FOR PROFESSIONAL USE ONLY.

The above information is based on presently available data and to our best knowledge for handling the product under normal conditions. Any use of this product in any way not indicated on this document or using it together with any other process/procedure will be exclusively under the user's responsibility.

**centrix**®

*Making Dentistry Easier.™*

#### CENTRIX INCORPORATED

770 River Road, Shelton, CT 06484 USA  
(800) 235-5862 Tel: (203) 929-5582  
Fax: (203) 929-6804



#### CENTRIX EUROPE

Hauptstrasse 64 B, 65719 Hofheim, Germany



# SAFETY DATA SHEET (SDS)

In accordance with Hazard Communication Standard (HCS), 29CFR 1910.1200(g), 2012 revision

## SECTION I - PRODUCT/ COMPANY IDENTIFICATION

Product Trade Name: ENCORE / ENCORE AF  
Part (Item) Number: REF 310070, 310075, 310076, 310077, 310093, 310094  
Product Name: Dental Core Build-Up material  
Manufacturer: CENTRIX, INC. Address: 770 River Road  
City, State, Zip: Shelton, CT 06484 U.S.A.  
Emergency or Information Telephone Numbers: (203)929-5582, Toll-Free: (800)235-5862 (USA & Canada) Fax: (203)929-6804  
Date Revised: 3/2015

## SECTION II - HAZARDS IDENTIFICATION

Designation of Risk: Xi, irritant  

Special Details of Risk (R-categories): 36-38

Detrimental effects/symptoms: Irritant in case of eye, skin and inhalation contact. Harmful if swallowed. May cause sensitization by skin contact.

## SECTION III - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components:	%	CAS NO.	SYMBOL	R	OTHER LIMITS
Blend of multifunctional methacrylates	26 - 32	N/E	Xn/Xi	22/36/37/38	
Initiator	0.10 - 0.35	[94-36-0]	E/Xn	2/7/36/43	

Exact % content withheld due to trade secret restrictions.

## SECTION IV - FIRST AID MEASURES

Skin: Immediately wash skin with soap and water. If irritation occurs seek medical advice.  
Ingestion: If swallowed do not induce vomiting. Give large quantities of water and milk. Seek medical attention.  
Inhalation: Remove to fresh air. If breathing becomes difficult, contact a physician.  
Eyes: Flush with plenty of water. Seek immediate medical attention by an Ophthalmologist.

## SECTION V - FIRE-FIGHTING MEASURES

The product is not considered to be a fire hazard. The information below is given for extinguishing a fire generated by other sources.  
Suitable extinguishing media: Water, Chemical Foam, Carbon Dioxide, or Dry Chemical.  
Forbidden extinguishing media: Not determined.  
Special firefighting measures: None. Wear self-contained breathing apparatus.  
Unusual fire and explosion hazards: Heat can cause polymerization with rapid release of energy.  
Special protection equipment: Self Contained Breathing Apparatus if toxic fumes are generated.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal precautions: Adopt some precautions of section VII.  
Environmental precautions: Keep spilled material out of sewers.  
Reclaiming methods: Absorb spills with inert material - keep spilled material out of sewers.

## SECTION VII - HANDLING AND STORAGE

Handling: Avoid unnecessary exposure. Storage: Room temperature. Containers: Supplied by manufacturer.  
Incompatibilities: Avoid the contact with reducing and oxidizing agents, peroxides and amines.  
Other precautions: Use according to directions. Avoid contact with eyes, skin and soft tissue.

## SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

General measures: Local Exhaust Ventilation: Good general ventilation should be sufficient to control airborne levels of vapors released by uncured material.  
Limits: TWA: Not determined; TLV: Not determined.  
Respiratory protection: Avoid prolonged or excessive breathing of vapors of uncured material.  
Eye protection: Safety glasses or goggles.  
Skin protection: Respect good personal hygiene practice. Avoid unnecessary exposure.  
Hands protection: Impervious gloves.  
Other equipment: Lab coat.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colored/uncolored paste Explosion limits: Not determined Odor: None  
Water solubility: Insoluble Boiling point: Not determined  
Evaporation rate: Not determined  
Flash point: Not determined Other Data: Not available or none.

## SECTION X - STABILITY AND REACTIVITY

Stability: Stable if stored as directed.  
Conditions to avoid: Heat, light, aging and contamination.  
Materials to avoid: Reducing and oxidizing agents, peroxides and amines.  
Hazardous decomposition products: Oxides of Carbon.  
Hazardous polymerization products: May occur.

## SECTION XI - TOXICOLOGICAL INFORMATION

Ingestion: Uncured material may be harmful or fatal if swallowed.  
Eye contact: May cause irritation and damage if not removed promptly.  
Skin contact: Prolonged or repeated exposure to uncured material may cause irritation or skin rash.

Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.

Prolonged exposure: Not applicable.

## SECTION XII - ECOLOGICAL INFORMATION

There is no specific information on the product. Use according to good working practice. Avoid releasing the product into environment.

## SECTION XIII - DISPOSAL CONSIDERATIONS

Unpolymerized (uncured) material may be hazardous waste.  
Incinerate uncured material and dispose in accordance with local regulations.

## SECTION XIV - TRANSPORT INFORMATION

Additional Information: Not dangerous cargo.

## SECTION XV - REGULATORY INFORMATION

CLASSIFICATION IN ACCORDANCE WITH EEC DIRECTIVES.

Hazard Classification Symbol: Xn

R22 Harmful if swallowed.

R36-38 Irritating to eyes, respiratory system and skin.

S36 Wear suitable protective clothing.

Ingredients determining the label: Blend of multifunctional methacrylate

## SECTION XVI - OTHER INFORMATION

Handling of product exclusively by dental specialists according to instructions for use.

**CAUTION:** The above information is based on presently available data and to our best knowledge for handling the product under normal conditions. Any use of this product in any way not indicated on this document or using it together with any other process/procedure will be exclusively under the user's responsibility.


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770 River Road, Shelton, CT 06484 USA  
(203) 929-5582 (800) 235-5862 FAX (203) 929-6804  
www.centrixdental.com



 Dental-Contact Vertriebs OHG, Im Spiet 101, DE 26506 Norden

### EMERGO AUSTRALIA

Level 20, Tower II, Darling Park, 201 Sussex Street  
Sydney, NSW 2000, Australia