

# SAFETY DATA SHEET

## CompCore™ AF Twist; Catalyst

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### 1. Chemical Product and Company Identification

Product Name: **CompCore™ AF Twist Nanofill Composite Auto-Cured Core Build-up Material; Catalyst**

#### **Premier® Dental Products Company**

1710 Romano Drive

Plymouth Meeting, PA 19462

Phone: 610-239-6000 Fax: 610-239-6171

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#### **Indications:**

CompCore™ AF is a fluoride releasing, resin composite material designed for the direct fabrication of core build-ups.

#### **Contraindications:**

Do not use on patients with known sensitivity or allergy to resins. Wash exposed area completely to remove material. If an allergic reaction is observed, consult a physician immediately and discontinue use with this patient.

### 2. Hazards Identification

**Acute Health Hazards:** May cause eye, respiratory and skin irritation in high concentration.

**Chronic Health Hazards:** Material is not known to cause significant health problems

**Signs and Symptoms of Exposure:** High concentrations can cause eye and respiratory irritation. Prolonged skin exposure can cause dryness

**Primary routes of exposure:** Inhalation, skin contact, eye contact.

**Carcinogenicity:** NTP - no, OSHA - no, IARC – no.

**Hazard symbol:** 

### 3. Composition / Information on Hazardous Ingredients

Hazardous Ingredients	CAS #	Hazard Identification & Risk Phrases
Triethylenglycoldimethacrylate	109-16-0	Irritant
Benzoyl Peroxide	94-36-0	Explosive, Irritant
Fumed Silica	7631-86-9	R36/37/38

✓ **Additional information:** For the wording of the listed risk phrases refer to section 16.

### 4. First Aid Measures

**In case of inhalation:** If irritation occurs, take victim to open air. If breathing difficulty persists, consult a physician.

**In case of skin contact:** Wash with soap and water.

**In case of eye contact:** Flush with large quantities of water for 15 minutes. Consult a physician.

**In case of ingestion:** Consult a physician.

## 5. Fire-Fighting Measures

**Flash point:** N/A

**Extinguishing Media:** Carbon dioxide, water spray, dry chemical

**Special Fire Fighting Procedures:** Avoid a direct jet of water.

**Unusual Fire and Explosion Hazards:** None.

## 6. Accidental Release Measures

**Environmental Precautions:** Avoid seepage into sewers and water supplies.

**Clean-Up Procedure:** Contain spill and pick up material with a suitable absorbent material .

Place absorbent into a container for later disposal.

## 7. Handling and Storage

**Handling:** No special measures necessary if handled according to instruction

**Storage:** Keep container tightly closed when not in use. Store in a cool, dry location. Keep material in original packaging.

Storage away from light, open flames, contamination and prolonged storage above 24°C (75°F).

## 8. Exposure Controls / Personal Protection

**Exposure Controls:** Use only in well-ventilated areas

**Respiratory Protection:** Avoid inhalation of vapors. No special protection under normal use.

**Hand and Skin Protection:** Avoid unnecessary skin contact. Wear latex gloves when handling

**Eye Protection:** Wear safety goggles or safety glasses with side shields when handling,

**Hygiene Measures:** Remove spilled material from skin and clothing. Do not eat or drink when handling this material

## 9. Physical and Chemical Properties

**Appearance:** Light grey paste.

**Odor:** Specific odor

**Boiling Point:** N/A

**Evaporation Rate** (Water = 1): N/A

**Vapor Density** (Air = 1): N/A

**Solubility in Water:** Insoluble

## 10. Stability and Reactivity

**Stability:** This material is stable.

**Hazardous Reactions:** None if handled according to directions

**Hazardous Polymerization:** May occur.

**Conditions to Avoid:** Heat, UV light

**Incompatibility:** Free radicals, reducing agents, heavy metal ions

**Hazardous Decomposition Products:** Carbon dioxide, water, carbon monoxide, acrylic decomposition products, depending on conditions of heating and burning.

## 11. Toxicological Information

**Acute oral toxicity:** LD50 (rat) > 5000mg/KG

**Irritation of Skin:** Dryness and irritation possible upon prolonged exposure

**Allergic Effects:** Methacrylate sensitive individuals may exhibit an allergic reaction.

## 12. Ecological Information

Do not discharge into sewers or water supplies

**Environmental persistence and degradability:** no data available

**Ecotoxicity:** no data available

## 13. Disposal Considerations

May be disposed of in landfill or Incinerator In accordance with local, state and federal regulations

## 14. Transport Information

<b>14.1 Transport at land</b>	<b>ADR</b>	<b>RID</b>
	<b>UN Number</b>	<b>Kemler Number</b>
	<b>Packing Group</b>	
	<b>Proper shipping name</b>	
<b>14.2 Transport at sea</b>	<b>ADNR</b>	<b>IMDG</b>
	<b>UN Number</b>	
	<b>EMS</b>	<b>MFAG</b>
	<b>Packing Group</b>	
<b>14.3 Air transport</b>	<b>Proper shipping name</b>	
	<b>ICAO / IATA-DGR</b>	
	<b>UN Number</b>	
	<b>Proper shipping name</b>	
	<b>Subsidiary Risk</b>	
	<b>Labels</b>	
	<b>Packing Group</b>	

**U.S. DOT Shipping Name:** Not Regulated

**U.S. DOT Hazard Class:** None

**U.N./N.A. Number** None

**U.S. DOT Packing Group:** None

**Other:** Not considered hazardous cargo

## 15. Regulatory Information

This product requires classification according to the criteria of EC.

The product is a medical device according to the EC-directive 93/42.

**15.1 UN Number**

**15.2 National regulations**

**15.3 EU number**

**15.4 Hazard symbols**



**15.5 Hazard designation**

Irritant

**15.6 Risk phrases**  
**15.7 Safety phrases**

**36/37/38** Irritating to eyes, respiratory system and skin

**U.S.-O.S.H.A. Status:** This material is not hazardous under the criteria of the U.S Federal Hazard Communication Standard.

**16. Other Information**

**Premier's revision date:** 09-16-2014

**Revision number:** 6

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall establish a legally valid contractual relationship.

**Relevant R-phrases**

**36/37/38** Irritating to eyes respiratory system and skin

**Irritant**

Material should be maintained in original containers. Empty containers should not be re-used.

**ANSI/NFPA 704 Data**

Fire = 1

Health = 0

Reactivity = 0

Specific Hazard = None

Supplier date: 01-17-2008

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091451 Rev6