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# Compolite™ Core Build-Up Material

**IDENTITY:** Core Build-Up Material

**Chemical Description:** Glass-filled, dual-cure, hydrophilic resin that contains no Bisphenol A.

**Product Use:** Multi-purpose core and tooth build-up dental resin.

## SECTION I

Date prepared: August 1, 2012

24 Hour Emergency Phone Contact: InfoTrac 1-800-535-5053

## SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS Number	PEL / TLV
Uncured Acrylate resins	-----	Not established
Silica, amorphous	112945-52-5	6 mg/m <sup>3</sup> / 10 mg/m <sup>3</sup>
Sodium fluoride	7981-49-4	2.5 mg/m <sup>3</sup> (as F)
<b>DOT HAZARD CLASSIFICATION:</b> Not regulated		
<b>WHMIS CLASSIFICATION:</b> D-2, Possible irritant		
<b>NFPA HMTS RATING:</b> HEALTH: 1	<b>FLAMMABILITY:</b> 0	<b>REACTIVITY:</b> 1

## SECTION II - PHYSICAL / CHEMICAL CHARACTERISTICS

**Appearance:** Part A: Thin yellow paste; Part B: Thin white paste.

**Odor:** Mild, characteristic



Distributed By: Darby Dental Supply, LLC  
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#### SECTION IV - FIRE AND EXPLOSION HAZARD

**Flash point:** Not established    **Auto-ignition temperature:** Not established  
**Flammable limits:** Not established  
**Hazardous Combustion Products:** Under fire conditions, and with amounts greater than that supplied in this product, hazardous polymerization may occur with heat build up and release of carbon monoxide, carbon dioxide and oxides of nitrogen.  
**Extinguishing Media:** Carbon dioxide, dry chemical, alcohol foam or water fog. Water spray may be used to keep exposed containers cool.  
**Special Fire Fighting Procedures:** A self-contained breathing apparatus should be worn by fire-fighting personnel. Cool exposed containers with water spray to prevent polymerization under fire conditions.

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#### SECTION V - REACTIVITY DATA

**Stability:** Stable  
**Conditions to avoid:** Intense light, temperature >80°F/27°C, cross-contamination.  
**Incompatibility:** Reducing and oxidizing agents.  
**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, oxides of nitrogen  
**Hazardous Polymerization:** None under normal conditions of use. Conditions to avoid: Strong light, temperature >80°F/27°C, cross-contamination.

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#### SECTION VI - HEALTH HAZARD DATA

**Summary of Acute Hazards:** Minimal health hazard under normal conditions of dental practice. Material may be irritating to eyes, mucous membranes or skin on contact.

##### Route of Exposure

Inhalation  
Eye Contact  
Skin Absorption  
Skin Contact

##### Signs and Symptoms

May be irritating to mucous membranes.  
May be irritating.  
Not applicable  
Primary route of exposure, possibly irritating or sensitizing.  
None expected with this product in normal conditions of use. May be irritating to mucous membranes.

**Summary of Chronic Hazards:** May be sensitizing, especially with prolonged and/or repeated exposure.

**Carcinogenicity:** Not known to be a carcinogen.  
**Teratogenicity, Mutagenicity, Reproductive Toxicity:** None known

##### Emergency First Aid Procedures:

**Inhalation**    Move exposed person to fresh air. Seek medical care.  
**Eye contact**    Flush eyes with running water for 15+ minutes.  
                          Seek medical attention.  
**Ingestion**        Rinse mouth. Consult physician.  
**Skin contact**    Wash skin with soap and water.

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#### SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

**Handling/Storage Precautions:** Avoid temperature extremes (>80°F/27°C, <5°C/40°F), strong light, cross-contamination, moisture.  
**Release or Spill:** Wear gloves and safety glasses. Pick up with absorbent material such as paper or cloth towels and collect for suitable disposal.  
**Waste Disposal Method:** Follow all government regulations.  
**Other Precautions:** Wash hands after use.

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#### SECTION VIII - CONTROL MEASURES

**Respiratory Protection:** Not necessary under normal conditions of use of this product.  
**Ventilation:** No special ventilation required under normal conditions of use of this product.  
**Protective Gloves:** Recommended  
**Eye Protection:** Safety glasses are recommended when normal conditions of use are anticipated.  
**Other Protective Clothing or Equipment:** Emergency eye wash fountain should be close-by and maintained.  
**Work / Hygienic Practices:** Wash hands after use.