



Product # 19-414

Issue Date: January 11, 2012

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## MATERIAL SAFETY DATA SHEET

### SECTION 1. Product and Company Identification

**PRODUCT NAME:** Flow Composite

**COMMON OR CHEMICAL NAME:** Flowable Light-Cure Composite Restorative/Veneer Cement

**MANUFACTURED BY:**

Dentonics, Inc.  
2833 Tophill Rd.  
Monroe, NC 28110  
USA

**EMERGENCY TELEPHONE:**

800-727-4737

**GENERAL INFORMATION:**

704-238-0245

### SECTION 2. Composition/Information on Ingredients

**Product Contents:** Flow Composite Shades A1-D3

**Hazardous Ingredients:** None listed.

### SECTION 3. Hazards Identification

For potential health hazards: SEE Section 11 below

No other hazards to man or the environment are reasonably foreseen.

### SECTION 4. First Aid Measures

**Inhalation:** No harm anticipated.

**Skin Contact:** Wash with soap and water.

**Eye Contact:** Flush immediately with copious amounts of water.

**Ingestion:** Induce vomiting if large amount of material is swallowed.

### SECTION 5. Fire-Fighting Measures

**Suitable Extinguishing Media:** Water contact acceptable.

**Extinguishing Media which should not be used:** None.

**Special exposure hazards from combustion products:** None specific.

**Special protective equipment for fire fighters:** None.

## SECTION 6. Accidental Release Measures

**Personal Precautions:** Avoid contact with skin or eyes. Wash hands with soap and water if contact occurs.

**Environmental Precautions:** Dispose of in accordance with all federal, state, and local regulations.

**Methods for Cleaning Up:** Wipe up with soap, water, and paper towels.

## SECTION 7. Handling and Storage

**Handling Precautions:** None.

**Safe Storage Conditions:** Store at temperatures not exceeding 75°F (24°C).

**Other Restrictions or Recommendations:** Avoid exposure to moisture and light.

## SECTION 8. Exposure Controls/Personal Protection

**Respiratory Protection & Ventilation:** Not required.

**Protective Clothing or Equipment:** Not required under normal handling.

**Unusual Work/Hygienic Practices:** Avoid prolonged contact with skin; wash with soap and water.

## SECTION 9. Physical and Chemical Properties

**Appearance:** Thin paste.

**Odor:** Negligible odor.

**pH:** Not applicable.

**Boiling Point/Range:** Not applicable.

**Melting Point/Range:** Not applicable.

**Flash Point:** Not applicable.

**Auto-Ignition Temperature:** Not applicable.

**Flammability:** No.

**Explosive Limits in Air:** Not applicable.

**Oxidizing Properties:** None.

**Vapor Pressure (mm Hg):** Negligible at ambient temperatures.

**Vapor Density (Air=1):** Not applicable.

**Specific Gravity (H<sub>2</sub>O =1):** ~2.2

**Solubility in Water:** Virtually insoluble.

**Reactivity in Water:** Not reactive.

**Other Data:** None.

## SECTION 10. Stability and Reactivity

**Stability:** Generally stable.

**Conditions of Instability:** Avoid exposure to light.

**Incompatibility with Various Substances:** None.

**Hazardous Decomposition Products:** None.

**Hazardous Polymerization:** May occur upon exposure to elevated temperatures when large quantities of material are involved.

**Conditions to Avoid:** Avoid exposure to light and temperatures above 80°F.

### SECTION 11. Toxicological Information

**Potential Acute Health Effects:** Possibility of skin irritation or sensitization if not washed off promptly.

**Potential Chronic Health Effects:** Possibility of skin sensitization or irritation upon prolonged or repeated exposure.

**Signs and Symptoms of Exposure:** Skin/eye irritation.

**Medical Conditions Generally Aggravated by Exposure:** None known.

**Carcinogenic or Potential Carcinogenic Effects:** No ingredient listed as a carcinogen.

**Other Potential Health Effects:** None known.

### SECTION 12. Ecological Information

No ecological damage or impact anticipated when handled as indicated.

### SECTION 13. Disposal Considerations

**Waste Disposal:** Do not dispose into sink. Dispose of in accordance with all federal, state, and local regulations.

### SECTION 14. Transport Information

**UN Classification:** Not applicable.

**Identification:** Not applicable.

**Special Provisions for Transport:** Avoid elevated temperatures and high intensity light.

### SECTION 15. Regulatory Information

**U.S. FDA Dental Device:** Class II product

**EC Medical Device Directive:** Class IIa product

### SECTION 16. Other Information

*Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources that we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or method of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. If the product is used as a component in another product or used in a way other than recommended by the Company, this MSDS information may not be applicable.*

MSDS Approved by: **Randy Leander**