SAFETY DATA SHEET

SECTION 1. Identification

PRODUCT NAME: Darby Glass Ionomer Cement Liquid

PRODUCT NUMBER: 9538837

COMMON OR CHEMICAL NAME: Glass Ionomer Liquid

RECOMMENDED USE: Dental Material

MANUFACTURED BY:
Darby Dental Supply, LLC
300 Jericho Quadrangle
Jericho, NY 11753
USA

GENERAL INFORMATION:
800-645-2310

EMERGENCY TELEPHONE:
800-535-5053 (Infotrac)

SECTION 2. Hazards Identification

Hazard Classification: For potential health hazards: SEE Section 11 below.

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

SECTION 3. Composition/Information on Ingredients

Chemical Name/Common Name: Glass Ionomer Liquid

***Product Contents*:** 25g Glass Ionomer Liquid Bottle

Hazardous Ingredients: None listed.

Formulation Represents A Trade Secret Mixture

SECTION 4. First Aid Measures

***Inhalation*:** No harm anticipated.

***Skin Contact*:** Wash with copious amounts of water.

***Eye Contact*:** Flush out with copious amounts of water. Seek medical attention if irritation persists.

***Ingestion*:** No hazard if small amounts are swallowed. If large amounts are swallowed, ingest baking soda and seek medical attention.

SECTION 5. Firefighting Measures

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

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

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

***Special protective equipment for firefighters*:** None.

SECTION 6. Accidental Release Measures

***Personal Precautions and Emergency Procedures*:** Avoid dusting and exposure to moisture.

***Environmental Precautions and Methods for Containment*:** No precautionary measures required.

***Methods for Cleaning Up*:** Dispose in accordance with all local, state and federal regulations.

SECTION 7. Handling and Storage

***Handling Precautions*:** Avoid exposure to elevated temperatures.

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

***Other Restrictions or Recommendations*:** None.

SECTION 8. Exposure Controls/Personal Protection

OSHA Permissible Exposure Limits: Not established.

***Respiratory Protection and Ventilation*:** Not required under normal handling.

***Protective Clothing or Equipment*:** Not special requirements under normal handling.

***Unusual Work/Hygienic Practices*:** Avoid spills, wash immediately with water if skin or eye contact occurs.

SECTION 9. Physical and Chemical Properties

Appearance (physical state, color, etc.): Clear liquid.

Odor: Mild characteristics order.

Odor threshold: Not established.

pH: Not applicable.

Melting point/freezing point: Not applicable.

Initial boiling point and boiling range: ca 105°C.

Flash point: Not applicable.

Evaporating rate: Not established.

Flammability (solid, gas): None.

Upper/Lower flammability or explosive limits: Not applicable.

Vapor pressure: ca 720mm Hg at 100°C.

Vapor density: ca 0.62.

Relative density: ca 1.1.

Solubility (ies): Soluble in water.

SECTION 9. Physical and Chemical Properties - continued

Partition coefficient: n-octanol/water: Not established.

Autoignition temperature: Not applicable.

Decomposition temperature: Not established.

Viscosity: Not established.

SECTION 10. Stability and Reactivity

Stability: Stable.

Conditions of Instability: Contact with alkaline materials.

Incompatibility or Reactivity with Various Substances: Contact with alkaline materials.

Hazardous Decomposition Products: None.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Elevated temperatures.

SECTION 11. Toxicological Information

Potential Acute Health Effects: None.

Potential Chronic Health Effects: None.

Signs and Symptoms of Exposure: None.

Medical Conditions Generally Aggravated by Exposure: None.

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 upon exposure of material to the environment.

SECTION 13. Disposal Considerations

Waste Disposal: 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 SDS 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 SDS information may not be applicable.