

MATERIAL SAFETY DATA SHEET: GLASS IONOMER CEMENT LIQUIDS

IDENTITY

Trade Name	Code	Trade Name	Code
GlassBase Liquid	IGB, IL-GB	GlassCore Liquid	ICO, IL-CO
GlassFill Liquid	IFU, IL-FI	GlassLine Liquid	ILI, IL-LI
GlassLute Liquid	ILU, IL-LU		

Chemical Description: Polyacrylic acid in a proprietary base.
Product Use: Liquid component of dental cement

SECTION I

Pulpdent Corporation
80 Oakland Street
Watertown, MA 02472 USA

Phone Numbers
24 Hour Emergency: 1-800-535-5053
Customer Service: 1-800-343-4342/1-617-926-6666

Date Prepared: September 1, 2007

SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS Number	PEL/TLV
Polyacrylic Acid	9003-01-4	Not established

DOT HAZARD CLASSIFICATION: Not regulated
WHMIS CLASSIFICATION: D-2, Possible irritant
NFPA HMIS RATING: HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling point: 100°C	Specific gravity: 1.025	Vapor pressure: 17
Vapor density: > 1	Evaporation rate: < 1	Solubility in water: Dilutable
Odor: Characteristic	Odor threshold: Not available	Color: Clear, yellowish viscous liquid

SECTION IV - FIRE AND EXPLOSION HAZARD

Not a fire or explosion hazard
Hazardous Combustion Products: Thermal decomposition: acrylic monomers, oxides of carbon.
Extinguishing Media: Any method suitable for extinguishing supporting fire.
Special Fire Fighting Procedures: Wear pressure demand, self-contained breathing apparatus and full protective gear. Use water spray to cool fire-exposed containers.
Unusual Fire and Exposure Hazards: Material may spatter when heated to 100°C.

SECTION V - REACTIVITY DATA

Stability: Stable Conditions to avoid: None Incompatibility: None
Hazardous Decomposition Products: Thermal decomposition: acrylic monomers and oxides of carbon.
Hazardous Polymerization: Will not occur Conditions to avoid: None

SECTION VI - HEALTH HAZARD DATA

Summary of Acute Hazards: Minimal health hazard under normal conditions of use. Large quantities / prolonged exposure may present more significant irritation.

Route of Exposure	Signs and Symptoms
Inhalation	None known
Eye contact	May irritate eyes
Skin absorption	Not applicable
Skin contact	May irritate skin, especially if contact is repeated or prolonged.
Ingestion	None expected under normal conditions of use.

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Summary of Chronic Hazards: None known for this product.

Carcinogenicity	Not known to be a carcinogen.
Teratogenicity	None known
Mutagenicity	None known
Reproductive toxicity	None known

Emergency First Aid Procedures

Inhalation	Though no effect is expected under normal conditions of use, a person who complains of discomfort after exposure should be moved to fresh air. If symptoms persist seek medical attention.
Eye contact	Flush eyes with running water for 15+ minutes. If irritation persists, seek medical attention.
Skin contact	Wash with soap and water. If irritation persists, seek medical care.
Ingestion	Though no effect is expected under normal conditions of use, dilute by giving 2 glasses of water. For large quantities, seek medical advice.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Handling and Storage Precautions: For small quantities (as in this product): Store tightly closed in original container at room temperature and away from contaminants. Keep from freezing.

Released or spill: Wear protective gloves and safety glasses. Contain spill and absorb with inert material such as paper towels or cloth. Transfer to covered container for disposal. Wash area of spill with detergent and water. For *large quantities*: dike and contain spill with inert material (sand, earth). Transfer liquid and solids to separate containers for disposal. Remove contaminated clothing. Wash exposed skin. Keep spill out of sewers and open bodies of water.

Waste Disposal Method: Follow all government regulations.

Other Precautions: Wash hands after use.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: Not required under normal conditions of use of this product. If dealing with very large quantities in open containers, a mechanical filter respirator is recommended.

Ventilation: Under normal conditions of use of this product, no special ventilation is required. For large quantities, local exhaust and/or general mechanical ventilation are recommended.

Protective Gloves: Recommended

Eye Protection: Safety glasses or splash goggles are recommended.

Other Protective Clothing or Equipment: Emergency eye wash fountain.

Work / Hygienic Practices: Wash hands after use

The information presented herein is believed to be factual as it has been derived from the works of persons believed to be qualified experts. However, nothing contained in this information is to be taken as a warranty or representation for which Pulpdent Corporation bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.