

**SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****MANUFACTURER**

GC AMERICA INC.  
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**COMMON NAME:** GC FUJI BOND LC**CHEMICAL NAME:** N.A.**PRODUCT USE:** Light-cured glass ionomer bonding liner. (Liquid component)

*The following information is provided with regard to the toxicity and hazards of the pure components present in this portion of the unmixed powder/liquid system.*

**SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Distilled water	7732-18-5	N.E.	N.E.	20-30
Polyacrylic acid	9003-01-4	TWA=10ppm (ACGIH)	LD50 = 2500mg/kg (oral rat) LC50 = N.E.	20-30
2-Hydroxyethylmethacrylate	868-77-9	N.E.	LD50=5888mg/kg (oral rat) LC50=N.E.	25-35
Urethanedimethacrylate	72869-86-4	N.E.	N.E.	5-10
Camphorquinone	465-29-2	N.E.	N.E.	<1

**SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**

**BOILING POINT:** 101°C  
**VAPOR PRESSURE:** N.E.  
**VAPOR DENSITY:** N.E.  
**SOLUBILITY IN WATER:** N.E.  
**COEFFICIENT OF OIL/WATER DISTRIBUTION:** N.E.  
**APPEARANCE AND ODOR:** Colorless, slightly viscous and odorless liquid

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 1.18  
**MELTING POINT:** 13°C  
**EVAPORATION RATE:** N.E.  
**ODOR THRESHOLD:** N.E.

**SECTION 4 - FIRE AND EXPLOSION DATA****FLASH POINT:** N.E.**FLAMMABLE LIMITS:** N.A.**EXTINGUISHING MEDIA:** Alcohol foam, dry chemical**SPECIAL FIRE FIGHTING PROCEDURES:** Full protective clothing and self-contained breathing apparatus.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** N.E.**HAZARDOUS COMBUSTION PRODUCTS:** Emits acrid smoke when heated beyond boiling point.**SECTION 5 - REACTIVITY DATA**

**STABILITY:** Stable  Unstable   
**POLYMERIZATION** Will Not Occur  Will Occur

**CONDITIONS TO AVOID:** High heat; oxidizers**INCOMPATIBILITY (Materials to Avoid):** Alkali will inactivate product**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** N.E.

**SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION**

	YES	NO	NE	NA	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS		X						
TERATOGENIC AFFECTS		X						
REPRODUCTIVE TOXIN		X						
CARCINOGENICITY		X						
SENSITIZER		X						

ROUTES OF ENTRY: Inhalation  Skin  Ingestion **HEALTH HAZARD (Acute and Chronic):** Mildly toxic by all routes. Acidic solution (pH=1.90), care should be taken to avoid contact with skin or eyes.**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** N.E.**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N.E.**EMERGENCY FIRST AID PROCEDURES:****INGESTION:** Do not induce vomiting - give large volumes of water. Seek medical attention.**SKIN:** Wash with soap and water. If irritation develops seek medical attention.**EYES:** Flush with water for 15 minutes. If irritation develops seek medical attention.**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****IN CASE OF RELEASE OR SPILL:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.**WASTE DISPOSAL METHOD:** In accordance with local, state and federal regulations.**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Store in a cool dry place in tightly closed container.**SECTION 8 - CONTROL MEASURES****RESPIRATORY PROTECTION:** None required**VENTILATION:** Local Exhaust: N.A. Mechanical: N.A. Special: N.E. Other: N.A.**PROTECTIVE GLOVES:** Latex gloves are recommended**EYE PROTECTION:** Goggles or full face shield**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Do not spill on clothing. Eyewash station**WORK/HYGIENIC PRACTICE:** Follow safe hygiene practices.**SECTION 9- PREPARATION INFORMATION***This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910,1200 and W.H.M.I.S. CPR***DATE:** 21 March 2006**REVISED:** 23 September 2009**REVIEWED:** 22 February 2012

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**N.A. = NOT APPLICABLE**  
**N.E. = NOT ESTABLISHED***The information herein is given in good faith but no warranty expressed or implied is made.*  
.....**FIRE - 1****TOXICITY - 1****NFPA  
REACTIVITY - 0****SPECIAL- ACID**