

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

GC AMERICA INC.  
3737 West 127th St.  
Alsip, Illinois, 60803  
Telephone: 708-597-0900  
Hours: Mon.- Fri. 8:00 am. - 5:00 pm. C.S.T.  
Transportation Emergency No. 800-424-9300

**COMMON NAME:** GC FUJI FILLING LC – PASTE B**CHEMICAL NAME:** N.A.**PRODUCT USE:** Light cured glass ionomer cement

*The following information is provided with regard to the toxicity and hazards the pure components present in this product.*

**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%
Urethanedimethacrylate	72869-86-4	N.E.	N.E.	12-15%
Silicone dioxide	1121945-52-5	PEL 6mg/m <sup>3</sup> TLV 10mg/m <sup>3</sup>	LD50:>10000mg/kg (oral rat)	10-15%

**SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**

**BOILING POINT:** 100°C  
**VAPOR PRESSURE:** N.E.  
**VAPOR DENSITY:** N.E.  
**SOLUBILITY IN WATER:** Not miscible or difficult to mix  
**COEFFICIENT OF OIL/WATER DISTRIBUTION:** N.E.

**SPECIFIC GRAVITY:** N.E.  
**MELTING POINT:** N.E.  
**EVAPORATION RATE:** N.E.  
**ODOR THRESHOLD:** N.E.  
**APPEARANCE AND ODOR:** paste with characteristic odor

**SECTION 4 - FIRE AND EXPLOSION DATA**

**FLASH POINT:** N.A. **FLAMMABLE LIMITS:** N.A.  
**EXTINGUISHING MEDIA:** Chemical foam, carbon dioxide and dry chemical.  
**SPECIAL FIRE FIGHTING PROCEDURES:** No special measures required.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** N.E.  
**HAZARDOUS COMBUSTION PRODUCTS:** N.E.

**SECTION 5 - REACTIVITY DATA**

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

**CONDITIONS TO AVOID:** Keep away from high heat and humidity.  
**INCOMPATIBILITY (Materials to Avoid):** None.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** None known.

**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						



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# GC FUJI FILLING LC – PASTE B

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## SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION - continued

ROUTES OF ENTRY:    Inhalation                       Skin                       Ingestion

**HEALTH HAZARD (Acute and Chronic):** May cause irritation to eyes, respiratory tract and skin.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** N.E.

**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N.E.

### EMERGENCY FIRST AID PROCEDURES:

**INHALATION:** Supply fresh air. Seek medical attention if irritation develops.

**EYE CONTACT:** Flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Seek medical attention if irritation develops.

**SKIN CONTACT:** Wash skin with plenty of water for at least 15 minutes. Seek medical attention if irritation develops.

**INGESTION:** Do not induce vomiting. Seek medical attention if irritation develops.

## 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), and place in a chemical waste container.

**WASTE DISPOSAL METHOD:** Do not allow product to reach sewage system or any watercourse. Dispose of in accordance with local, state and federal guidelines.

**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Store at room temperature in closed container when not in use.

## SECTION 8 - CONTROL MEASURES

**RESPIRATORY PROTECTION:** In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer use self-contained respiratory protective device.

**VENTILATION:**    Local Exhaust Recommended    Mechanical:                       Special:                       Other:

**PROTECTIVE GLOVES:** Synthetic/vinyl gloves recommended.

**EYE PROTECTION:** Use tightly sealed goggles to prevent eye contact.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eye wash station recommended.

**WORK/HYGIENIC PRACTICE:** Observe good hygienic work 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:** 15 February 2006

**REVIEWED:** 20 January 2009

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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.*  
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FIRE – 1                      TOXICITY – 1                      NFPA                      REACTIVITY – 1                      SPECIAL –