FUJI II LC (IMPROVED) - LIQUID
MATERIAL SAFETY DATA SHEET

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 Telephone No. 800-424-9300

COMMON NAME: FUJI II LC (IMPROVED) - LIQUID
FUJI II LC (IMPROVED) CAPSULES - LIQUID
CHEMICAL NAME: N.A.
PRODUCT USE: Light-cured glass ionomer for dental cavity preparations. (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	%
Polyacrylic acid	Not listed	TWA=10ppm (ACGIH)	LD50 = 2500mg/kg (oral rat) LC50 = N.E.	20-25
2-Hydroxyethyl methacrylate	Not listed	N.E.	LD50=5888mg/kg (oral rat) LC50=N.E.	30-35
Proprietary Ingredient		TLV=10mg/m³ PEL=15mg/m³	N.E.	5-15
2,2,4, Trimethyl hexamethylene dicarbonate	Not listed	N.E.	N.E.	1-5

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 101°C
VAPOR PRESSURE: N.E.
VAPOR DENSITY: N.E.
SOLUBILITY IN WATER: N.E.
SPECIFIC GRAVITY (H2O = 1): 1.18
MELTING POINT: 13°C
EVAPORATION RATE: N.E.
ODOR THRESHOLD: N.E.
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.
APPEARANCE AND ODOR: Colorless, slightly viscous and odorless liquid

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: Dilute with water and flush into drain with large volumes of water.

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: N.E.

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: 09 January 2006
REVIEWED: 20 January 2009
REVISED: 23 September 2009

N.A. = NOT APPLICABLE
N.E. = NOT ESTABLISHED

The information herein is given in good faith but no warranty expressed or implied is made.

NFPA

FIRE – 1 **TOXICITY – 1** **REACTIVITY – 0** **SPECIAL – ACID**