

GC FUJI II LC - LIQUID
MATERIAL SAFETY DATA SHEET**SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****DISTRIBUTOR**

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COMMON NAME: GC FUJI II LC - LIQUID
GC FUJI II LC CAPSULES - LIQUID
GC FUJI II LC CORE MATERIAL

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.	20-22
2-Hydroxyethyl methacrylate	Not listed	N.E.	LD50=5888mg/kg (oral rat) LC50=N.E.	35-40
Proprietary Ingredient		TLV=10mg/m ³ PEL=15mg/m ³	N.E.	5-15
2,2,4, Trimethyl hexamethylene dicarbonate	Not listed	N.E.	N.E.	5-7
Triethylene glycol dimethacrylate	Not listed	N.E.	N.E.	4-6

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 (H₂O = 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.
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.

FLAMMABLE LIMITS: N.A.

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: Dispose of 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: 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

REVISED: 23 September 2009

REVIEWED: 21 February 2012

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

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):** Dusts of silica glass is also a known cause of silicosis, a non-cancerous lung disease.**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Irritation and soreness in throat and nose.**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** May aggravate preexisting upper respiratory and lung disease.**EMERGENCY FIRST AID PROCEDURES:****INHALATION:** Remove to fresh air, drink water to clear throat and blow nose to evacuate dust.**INGESTION:** Ingestion may require medical assistance.**SKIN:** Wash with soap and water.**EYES:** Flush with large quantities of water. If irritation develops or persists seek medical attention.**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****IN CASE OF RELEASE OR SPILL:** Avoid generating dust while sweeping. If an excessive amount of dust is generated use a filter equipped vacuum and MSHA/NIOSH approved mask.**WASTE DISPOSAL METHOD:** In accordance with local, state and federal regulations.**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Store at normal room temperatures and humidity.**SECTION 8 - CONTROL MEASURES****RESPIRATORY PROTECTION:** Minimize exposure to dust in accordance with good hygiene practice. If needed, use MSHA-NIOSH approved respirator for dusts, mists and fumes.**VENTILATION:** Local Exhaust: Yes Mechanical: Yes Special: N.A. Other: N.A.**PROTECTIVE GLOVES:** Disposable vinyl gloves recommended.**EYE PROTECTION:** Safety glasses**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** 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:** 09 January 2006**REVISED:** 21 February 2012.....
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FIRE – 0 TOXICITY – 1 NFPA REACTIVITY – 0 SPECIAL –