

MATERIAL SAFETY DATA SHEET

SECTION 1 - SOURCE/IDENTITY/USE INFORMATION

MANUFACTURER

SUPPLIER

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 LIQUID

FUJI II CAPSULES LIQUID

Chemical Name: N.A.

PRODUCT USE: Dental composite filling material - 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 AND C.A.S. | EXPOSURE LIMITS | LD50/LC50 | % |
|----------------------------------|----------------------|---|--------|
| Polyacrylic acid (not listed) | TWA=10ppm (ACGIH) | LD50 = 2500mg/kg (oral rat) LC50=N.E. | 40-50% |

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

| | |
|---|---|
| BOILING POINT: 101°C | SPECIFIC GRAVITY (H ₂ O = 1): 1.18 |
| VAPOR PRESSURE: N.E. | MELTING POINT: 13°C |
| VAPOR DENSITY: N.E. | EVAPORATION RATE: N.E. |
| SOLUBILITY IN WATER: 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: Not flammable FLAMMABLE LIMITS: N.A.

EXTINGUISHING MEDIA: Alcohol foam

SPECIAL FIRE FIGHTING PROCEDURES: Full protective clothing and self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS COMBUSTION PRODUCTS: Emits Acrid smoke when heated beyond boiling point.

SECTION 5 - REACTIVITY DATA

| | | |
|-----------------|-------------------|-------------|
| STABILITY: | STABLE: X | UNSTABLE: |
| POLYMERIZATION: | WILL NOT OCCUR: X | WILL OCCUR: |

CONDITIONS TO AVOID: High heat

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 | N.E. | N.A. | NTP | IARC | OSHA | OTHER |
|----------------------|-----|----|------|------|-----|------|------|-------|
| MUTAGENIC AFFECTS: | | X | | | | | | |
| TERATOGENIC AFFECTS: | | X | | | | | | |
| REPRODUCTIVE TOXIN: | | X | | | | | | |
| CARCINOGENICITY: | | X | | | | | | |
| SENSITIZER: | | X | | | | | | |

ROUTES OF ENTRY: INHALATION SKIN X INGESTION X

HEALTH HAZARD: (ACUTE AND CHRONIC): 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.

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

MERGENCY 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: Neutralize with diluted hydroxide.

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: None required | 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

PREPARED BY: T. Joritz
Director Regulatory Affairs

Date: 1 November 97

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 | 2 | NFPA REACTIVITY | 0 | SPECIAL ACID |
|------|---|----------|---|--------------------|---|--------------|
|------|---|----------|---|--------------------|---|--------------|
