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 TRIAGE CAPSULE - LIQUID
CHEMICAL NAME:  N.A.
PRODUCT USE:  Glass ionomer for Restorative Treatment - liquid component

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

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>C.A.S.</th>
<th>EXPOSURE LIMITS</th>
<th>LD50/LC50</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyacrylic acid</td>
<td>not listed</td>
<td>TWA=10ppm (ACGIH)</td>
<td>D50 = 2500mg/kg (oral rat)</td>
<td>30-40</td>
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<td>Proprietary Ingredient</td>
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<td>TLV=10mg/m³ PEL=15mg/m³</td>
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SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT:  101°C
SPECIFIC GRAVITY (H2O = 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:  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:  N.E.

SECTION 5 - REACTIVITY DATA

STABILITY:  Stable ☒ Unstable ☐
POLYMERIZATION:  Will Not Occur ☒ Will Occur ☐

CONDITIONS TO AVOID:  High heat
INCOMPATIBILITY (Materials To Avoid):  None known
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:  None known

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

<table>
<thead>
<tr>
<th>MUTAGENIC AFFECTS</th>
<th>Yes</th>
<th>No</th>
<th>N.E.</th>
<th>N.A.</th>
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<th>IARC</th>
<th>Osha</th>
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</tbody>
</table>
SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION - continued

ROUTES OF ENTRY:  Inhalation ☒  Skin ☒  Ingestion ☒

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.

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.
- **INHALATION**: Remove to fresh air. If irritation persists seek medical attention.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Cover with absorbent material. Collect spilled material. Clean up residue.
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: Minimize exposure in accordance with good hygienic practices. If needed, use MSHA-NIOSH approved respirator for dusts, mists and fumes.
VENTILATION: None required  Local Exhaust: N.A.  Mechanical: N.A.  Special: N.A.  Other: N.A.

PROTECTIVE GLOVES: Disposable vinyl gloves
EYE PROTECTION: Safety glasses
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: 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  DATE: 03 January 2003
Director Regulatory Affairs

N.A. = NOT APPLICABLE
N.E. = NOT ESTABLISHED
The information herein is given in good faith but no warranty expressed or implied is made.

<table>
<thead>
<tr>
<th>FIRE</th>
<th>TOXICITY</th>
<th>REACTIVITY</th>
<th>SPECIAL</th>
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<td>ACID</td>
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SECTION 1 - SOURCE/IDENTITY/USE INFORMATION

MANUFACTURER
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: CAVITY CONDITIONER
CHEMICAL NAME: N.A.
PRODUCT USE: Cavity Conditioning Agent

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

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>C.A.S.</th>
<th>EXPOSURE LIMITS</th>
<th>LD50/LC50</th>
<th>%</th>
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<tr>
<td>Polyacrylic acid</td>
<td>Not listed</td>
<td>TWA=10 ppm (ACGIH)</td>
<td>LD50=2500mg/kg (oral rat)</td>
<td>20-25</td>
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<td>LC50=N.E.</td>
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<tr>
<td>Aluminum chloride Hexahydrate</td>
<td>7784-13-6</td>
<td>TWA=2mg Al/m³ (soluble salts) (ACGIH)</td>
<td>LD50=770mg/kg (oral, mouse)</td>
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<td>LC50=N.E.</td>
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SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

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

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: Not flammable
FLAMMABLE LIMITS: N.E.

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 ☒ Unstable ☐
POLYMERIZATION: Will Not Occur ☒ Will Occur ☐

CONDITIONS TO AVOID: High heat
INCOMPATIBILITY (Materials to Avoid): Alkaline, will inactivate product.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N.E.
SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

<table>
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<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>NE</th>
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</tr>
</tbody>
</table>

ROUTE OF ENTRY: Inhalation ☐ Skin ☑ Ingestion ☑

HEALTH HAZARD (Acute and Chronic): Acidic solution (pH = 1.90), care should be taken to avoid contact with skin or eyes. Aluminium chloride Hexahydrate maybe toxic on ingestion.

SIGNES 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: Soak up spill with absorbent material. Flush area with water.

WASTE DISPOSAL METHOD: Dilute with water. 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.E. Special: N.E. Other: N.E.

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 ---------------------------------- DATE: 03 January 2003

Director Regulatory Affairs

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FIRE – 0 TOXICITY – 1 REACTIVITY – 1 SPECIAL – ACID, CORR
MATERIAL SAFETY DATA SHEET

SECTION 1 - SOURCE/IDENTITY/USE INFORMATION

MANUFACTURER: 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

SUPPLIER: 

COMMON NAME: FUJI COAT LC

Chemical Name: N.A.

PRODUCT USE: Light-cured coating agent for glass ionomer restorations.

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

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<table>
<thead>
<tr>
<th>COMPONENT AND C.A.S.</th>
<th>EXPOSURE LIMITS</th>
<th>LD50/LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multifunctional Urethane Methacrylate</td>
<td>N.E.</td>
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<tr>
<td>Aliphatic dimethacrylate</td>
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<td>Methyl Methacrylate 80-62-6</td>
<td>TWA=100ppm (ACGIH)</td>
<td>LD50=5.2g/kg (oral rat)</td>
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<td>LC50=3750ppm/4 hr</td>
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<tr>
<td>Tertiary Amine</td>
<td>N.E.</td>
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SECTION 3 - PHYSICAL/ CHEMICAL PROPERTIES

BOILING POINT: N.E. SPECIFIC GRAVITY (H₂O = 1): 0.96
VAPOR PRESSURE: N.E. MELTING POINT: N.E.
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: Slight yellow color and slight odor
SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: 10°C (CC) FLAMMABLE LIMITS: N.E.

EXTINGUISHING MEDIA: Carbon dioxide, dry chemicals, water

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with full protective equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N.E.

HAZARDOUS COMBUSTION PRODUCTS: N.E.

SECTION 5 - REACTIVITY DATA

STABILITY: STABLE: X UNSTABLE: 

POLYMERIZATION: WILL NOT OCCUR: X WILL OCCUR: 

CONDITIONS TO AVOID: Avoid heat and ignition sources.

INCOMPATIBILITY (MATERIALS TO AVOID): N.E.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N.E.

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>N.E.</th>
<th>N.A.</th>
<th>NTP</th>
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</tbody>
</table>

ROUTES OF ENTRY: INHALATION X SKIN X INGESTION X

HEALTH HAZARD: (ACUTE AND CHRONIC): Eye irritation. Inhalation may cause headache.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: N.E.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.
SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION - continued

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove to fresh air.
If breathing is difficult give oxygen and seek medical attention.

INGESTION: Do not induce vomiting.
Give one or two glasses of water and seek medical attention.

SKIN: Wash with soap and water.

EYES: Flush with water, if irritation persist consult physician.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL:
Contain spill using absorbent materials to soak up liquid.

WASTE DISPOSAL METHOD:
In accordance with local, state and federal regulations.

STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:
Store at room temperature. Remain out of direct sunlight and heat.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION:

VENTILATION: LOCAL EXHAUST: N.E. MECHANICAL: N.E.
SPECIAL: N.E. OTHER: N.E.

PROTECTIVE GLOVES: Rubber gloves

EYE PROTECTION: Safety goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N.E.

WORK/HYGIENIC PRACTICE: Observe good hygienic practices.
SECTION 9- PREPARATION INFORMATION

This data is supplied to comply with OSHA Hazard Communication Standard 2 CFR 1910.1200 and W.H.M.I.S. CPR

PREPARED BY: T. Joritz
Director Regulatory Affairs

Date: 1 November 97

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NFFA

FIRE 4  TOXICITY 1  REACTIVITY 0  SPECIAL -