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:  FUJI IX GP - POWDER
FUJI IX GP CAPSULE - POWDER
FUJI IX GP FAST SET
FUJI IX GP EXTRA

CHEMICAL NAME:  N.A.

PRODUCT USE:  Glass ionomer for Restorative Treatment - powder 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>LD50 = 2500mg/kg (oral rat)</td>
<td>5-10</td>
</tr>
<tr>
<td>Aluminosilicate glass</td>
<td>Not listed</td>
<td>TLV=10mg/m³ PEL=15mg/m³ (ACGIH)</td>
<td>N.E.</td>
<td>90-100</td>
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</table>

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT:  N.E.
SPECIFIC GRAVITY (H2O = 1):  2.56
VAPOR PRESSURE:  N.A.
MELTING POINT:  1350°C
VAPOR DENSITY:  N.A.
EVAPORATION RATE:  N.A.

SOLUBILITY IN WATER:  Insoluble
ODOR THRESHOLD:  N.E.

COEFFICIENT OF OIL/WATER DISTRIBUTION:  N.E.
APPEARANCE AND ODOR:  Very fine white powder

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 above 101°C.

SECTION 5 - REACTIVITY DATA

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

<table>
<thead>
<tr>
<th>MUTAGENIC AFFECTS</th>
<th>YES</th>
<th>NO</th>
<th>NE</th>
<th>NA</th>
<th>NTP</th>
<th>IARC</th>
<th>OSHA</th>
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<tr>
<td>REPRODUCTIVE TOXIN</td>
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<tr>
<td>CARCINOGENICITY</td>
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<td></td>
<td>Group 2A</td>
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<tr>
<td>SENSITIZER</td>
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<td>X</td>
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</tr>
</tbody>
</table>

Routes of Entry: Inhalation ☒  Skin ☒  Ingestion ☒

Health Hazard (Acute and Chronic): Contains silica glass, which is considered a hazard by inhalation. IARC has classified it as a probable carcinogenic for humans. 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:
- 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, drink water to clear throat and blow nose to evacuate dust.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

In Case of Release or Spill: Avoid generating dusts during cleanup. 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 practices. If needed, use MSHA-NIOSH approved respirator.

Ventilation: Local Exhaust: N.A.  Mechanical: YES  Special: N.A.  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: 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: 13 December 2006

Reviewed: 20 January 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 – 0  TOXICITY – 1  REACTIVITY – 0  SPECIAL –