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 No. 800-424-9300

COMMON NAME: GC INITIAL – OPAQUE LIQUID, BONDER LIQUID
CHEMICAL NAME: N.A.
PRODUCT USE: Dental Porcelain System

The following information is provided with regard to the toxicity and hazards 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>Propylene Glycol</td>
<td>57-55-6</td>
<td>TWA=10mg/m³ Dow (mist)</td>
<td>LD50-20.0-33.7g/kg (oral rat) LC50=N.E.</td>
<td>30-40%</td>
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<tr>
<td>Sodium Acetate</td>
<td>127-09-3</td>
<td>N.E.</td>
<td>N.E.</td>
<td>0-5%</td>
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</table>

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 185°C
VAPOR PRESSURE @20°C: 0.1 hPa
VAPOR DENSITY: N.E.
SOLUBILITY IN WATER: Soluble
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.
APPEARANCE AND ODOR: Liquid
SPECIFIC GRAVITY: N.E.
MELTING POINT: N.E.
EVAPORATION RATE: N.E.
ODOR THRESHOLD: N.E.

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: 101°C
FLAMMABLE LIMITS: Lower – 2.6 Vol%; Upper – 12.6 Vol%
EXTINGUISHING MEDIA: Water fog, carbon dioxide, dry chemical, alcohol-resistant foam.
SPECIAL FIRE FIGHTING PROCEDURES: N.A.
UNUSUAL FIRE AND EXPLOSION HAZARDS: N.A.
HAZARDOUS COMBUSTION PRODUCTS: N.A.

SECTION 5 - REACTIVITY DATA

STABILITY: Stable ✗ Unstable ✓
POLYMERIZATION: Will Not Occur ✗ Will Occur ✓
CONDITIONS TO AVOID: High heat, high humidity.
INCOMPATIBILITY (Materials to Avoid): Strong oxidizing agents.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon dioxide and carbon monoxide may form when heated to decomposition. Aldehydes or lactic, pyruvic or acetic acids may also be formed.

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>NE</th>
<th>NA</th>
<th>NTP</th>
<th>IARC</th>
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<td>TERATOGENIC AFFECTS</td>
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<td>REPRODUCTIVE TOXIN</td>
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<tr>
<td>CARCINOGENICITY</td>
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<tr>
<td>SENSITIZER</td>
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</tbody>
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ROUTES OF ENTRY: Inhalation ✗ Skin ✗ Ingestion ✓
SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION - continued

HEALTH HAZARD (Acute and Chronic): May cause irritation to skin and eyes. In case of ingestion, monitor for acidosis and central nervous system changes. Exposed persons with previous kidney dysfunction may require special treatment. Ingestion of sizeable amount (over 100ml) may cause some gastrointestinal upset and temporary central nervous system depression. Effects appear more severe in individuals with kidney problems.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: N.A.
CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Kidney disorders.

EMERGENCY FIRST AID PROCEDURES:
- **INHALATION**: Move to fresh air. Consult doctor if irritation develops.
- **EYE CONTACT**: Rinse eye for several minutes under running water. Consult doctor if irritation persists.
- **SKIN CONTACT**: Wash area with soap and water. Consult doctor if irritation develops.
- **INGESTION**: Give several glasses of water to drink to dilute. If large amounts were swallowed or irritation develops, consult physician.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Absorb with inert material, scrap up and discard.
WASTE DISPOSAL METHOD: Dispose of material in accordance with local, state and federal regulations.
STORAGE, HANDLING, AND SPECIAL PRECAUTIONS: Store in cool, dry place.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: In case of exposure to dust over regulatory limits, wear a personal respirator of an approved type.

VENTILATION: Local Exhaust: ☒ Mechanical: ☐ Special: ☐ Other: ☐

PROTECTIVE GLOVES: Disposable vinyl gloves recommended.
EYE PROTECTION: Safety glasses recommended
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N.A.
WORK/HYGIENIC PRACTICE: Observe good hygienic 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
REVIEWED: 27 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.

NFPA

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<tr>
<th>FIRE</th>
<th>TOXICITY</th>
<th>REACTIVITY</th>
<th>SPECIAL</th>
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<tr>
<td>1</td>
<td>1</td>
<td>0</td>
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