

## MATERIAL SAFETY DATA SHEET

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Number: A-0002-B (E)  
Date prepared: April 23, 2002  
revised: May 30, 2006

### 1. Chemical Product and Company Identification

**Product code:**  
**Product name: GC Fuji CEM - Paste B**  
**Manufacturer / Supplier: GC Corporation,**  
**76-1 Hasunuma-Cho, Itabashi-Ku, Tokyo, Japan**

<b>Australian supplier:</b> <b>Henry Shein Halas Dental Co., Ltd.,</b> <b>Sydney – Head Office</b> <b>44 O'Dea Ave, Waterloo, NSW 2017</b> <b>Emergency Phone (02) 9697-6288</b> <b>Fax (02) 9697 6250</b>
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### 2. Composition / Information on Ingredients

(% chemical components by WT and exposure limits)

Distilled water (CAS 7732-18-5)	30-40%
Polyacrylic acid (CAS 9003-01-4)	30-40
Benzenesulfonic acid sodium salt (CAS 515-42-4)	2-3
Silica powder (CAS 112945-52-5)	2

### 3. Hazards Identification

<b>Emergency Overview:</b> Irritant to eyes and skin. May cause sensitization by skin contact if a person is known to be allergic to any of the ingredients.
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**Potential Health Effects**  
Eye: Causes eye irritation.  
Skin: May cause skin irritation.  
Ingestion: May cause irritation of the digestive tract.

### 4. First Aid Measures

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Consult a doctor if symptoms persist.  
**Skin:** Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention.  
**Ingestion:** Consult a doctor if symptoms persist.  
**Inhalation:** Supply fresh air and be sure call for a doctor.

### 5. Fire Fighting Measures

**Flammable Properties:** Material is not flammable.  
**Flash Point:** 97°C  
**Flammable Limits:** Not determined  
**Auto Ignition Temperature:** Not determined  
**Hazardous Combustion Products:** None  
**Extinguishing Media:** Carbon dioxide, dry chemicals, alcohol resistant foam, water spray.  
**Fire Fighting Instructions:** No special measures required.

## 6. Accidental Release Measures

**Small Spill:** Absorb with liquid-binding material (sand, diatomite, acid binders, etc)

**Large Spill:** Usually, no occasions large spill released.

## 7. Handling and Storage

**Handling:** No special measures required.

**Storage:** Store in cool and dark place. Keep receptacle tightly sealed.

## 8. Exposure Controls, Personal Protection

Respiratory Protection: Not required.

Skin Protection: Protective gloves

Eye Protection: Tightly sealed goggles

Engineering Controls: Not required

## 9. Physical and Chemical Properties

Appearance: Pasty in yellow color

Odor: Odorless

Boiling Point: Not determined

Vapor Pressure: Not determined

Vapor Density: Not determined

Solubility in Water: Not miscible or difficult to mix.

Specific Gravity: Not determined

Freezing Point: Not determined

pH: Not determined

Volatile: None

## 10. Stability and Reactivity

Stability:

Incompatibility: No incompatibility known

Hazardous Decomposition Products: No hazardous products known.

Hazardous Polymerization: No hazardous polymerization known.

## 11. Toxicological Information

Acute Oral Effects: Not determined.

Primary irritant effect:

On the skin: Irritant to skin and mucous membranes.

On the eye: Irritant effect

Sensitization: Sensitization possible through skin contact.

## 12. Ecological Information

General notes: Not known to be hazardous to water.

## 13. Disposal Considerations

Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to the local official regulations.

## 14. Transport Information

IMO Regulations: Not applicable

ICAO and IATA Regulations: Not applicable

## 15. Regulatory Information

No regulations applicable in Japan. To follow the state or local regulations, if any.

**16. Other Information**

No information is available.

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