

SDS No. 16-02-010-(1)-E, G-CEM Capsule

SAFETY DATA SHEET

Number: 16-02-010-(1)-E

Date prepared: 2007 Jan 09

Date revised: 2016 Mar 14

Revised details:

1. Chemical Product and Company Identification

Product code: -

Product name: G-CEM Capsule

Company Identification:

GC Corporation, 76-1 Hasunuma-Cho, Itabashi-Ku, Tokyo, Japan

Postal code 174-8585, Phone 81-3-3965-1388

2. Hazards Identification

Pictograms or hazard symbols (Referring to UDMA)



Hazard statement(s): May cause an allergic skin reaction.

Precautionary statement(s) Wear protective gloves.

3. Composition / Information on Ingredients

Powder

Silane-treated fluoro-alumino-silicate glass	100
Initiator	<1%
Pigment	<1%

Liquid

Urethane Dimethacrylate (UDMA)	10-30
Dimethacrylate	35-55
4-Methacryloxyethyltrimellitate anhydride (4-META)	10-30
Distilled water	2-10
Phosphoric ester monomer	1-4
Initiator	<1%
Camphorquinone	<1%
Silica fine particle	1-3

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.

Ingestion: Consult a doctor if symptoms persist.

Inhalation: Supply fresh air and be sure call for a doctor.

5. Fire Fighting Measures

Flammable Properties : Not flammable.

Flash Point: Not determined

Flammable Limits: Not determined.

Auto Ignition Temperature: Not determined.

Hazardous Combustion Products: Not known

Extinguishing Media: Chemical foam, carbon dioxide, and dry chemical

Fire Fighting Instructions: No special measures required.

6. Accidental Release Measures

Measures for environmental protection: Do not flush to sewer.

Measures for cleaning/collections: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust)

7. Handling and Storage

Handling:

Information for safe handling: No special measures required.

Information for fire and explosion protection: No special measures required.

Storage: Store at room temperature away from heat, moisture and direct sunlight. Keep receptacle tightly sealed.

Requirements to be met by storerooms and receptacles: No special measures required.

Further information about storage conditions: Keep receptacle tightly sealed.

8. Exposure Controls, Personal Protection

Respiratory Protection: Not required.

Skin Protection: Protective gloves.

Eye Protection: Tightly sealed goggles.

Exposure Guideline(s): No data available.

Engineering Controls: No special controls are required.

9. Physical and Chemical Properties

Appearance: Light yellowish paste (after mixing)

Odor: Monomer odor

Boiling Point: Not determined.

Vapor Pressure: Not determined.

Vapor Density: Not determined.

Solubility in Water: Not miscible.

Specific Gravity: Not determined

Freezing Point: Not determined.

pH: approx. 2 (immediately after mixing)

Volatile: None

10. Stability and Reactivity

Stability: Stable

Incompatibility: No incompatibility known

Hazardous Decomposition Products: No hazardous products known.

Hazardous Polymerization: No hazardous polymerization known.

11. Toxicological Information

Acute Toxicity:

on the skin: Irritant to skin and mucous membranes.

on the eye: Irritating effect.

Additional toxicological information: No special information on toxicology.

12. Ecological Information

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. Disposal Considerations

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

It is recommended to consult local or state regulations regarding proper disposal.

14. Transport Information

IMO Regulations: Not IMO hazardous material

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ICAO and IATA Regulations: Not ICAO/IATA hazardous material

15. Regulatory Information

According to the Japanese regulations or code, this material is not classified as a hazardous material.

It is recommended however to consult local regulations of the region or state to determine its identification.

16. Other Information

No specific notes available.

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