

SDS No. 20-02-001-(E)-2, G-CEM ONE Paste Pak

SAFETY DATA SHEET**Number: 20-02-001-(E)-2****Date prepared: 2020 July. 30****Date revised:****1. Chemical Product and Company Identification****Product code:****Product name: G-CEM ONE Paste Pak****Manufacturer / Supplier: 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 statements:**

Causes eye irritation.

Causes skin irritation.

May cause an allergic skin reaction.

May cause respiratory tract irritation.

Precautionary statement:**[Prevention]:**

Wash face, hands and any exposed skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

Avoid breathing dust/fume/mist/vapors/spray.

Contaminated work clothing must not be allowed out of the workplace.

Use only outdoors or in a well-ventilated area.

[Response]:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Get medical attention if irritation occurs

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take of contaminated clothing and wash before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

3. Composition / Information on Ingredients

(% chemical components by WT%)

1) Paste A

Fluoro-alumino-silicate glass	60-70
Urethanedimethacrylate	12-17
Dimethacrylate	12-17
Silicon dioxide	5
Initiator	Trace
Inhibitor	Trace
Pigment	Trace

2) Paste B

Silicon dioxide	45-55
Urethanedimethacrylate	35-40
Dimethacrylate	5-10
Phosphoric acid ester monomer	2-7
Initiator	Trace
Inhibitor	Trace

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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: 93 degC

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 at room temperature away from heat, moisture and direct sunlight. 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: Light yellowish or white color paste

Odor: Monomer odor

Boiling Point: Not determined

Vapor Pressure: Not determined

Vapor Density: Not determined

Solubility in Water: Not miscible.

Freezing Point: Not determined

pH: Approx. Paste A: approx. 6.5, Paste B: approx. 1.5

Specific Gravity: Paste A: approx. 1.9g/mL, Paste B: approx. 1.5g/mL

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 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.

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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.