

SAFETY DATA SHEET

Number: 16-1-004-(1)-E

Date prepared: 2015 Nov 18

Date revised: 2016 Mar 11

1. Chemical Product and Company Identification

Product code:

Product name: G-CEM LinkForce Cement

Manufacturer / Supplier: GC Corporation, 76-1 Hasunuma-Cho, Itabashi-Ku, Tokyo, Japan

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

2. Hazards Identification

GHS label elements, including precautionary statements

Pictograms or hazard symbols



Hazard statements: Causes skin irritation

Causes serious eye irritation

Precautionary statements:

[Prevention] Wash hands thoroughly after handling.

Wear protective gloves/eye protection/face protection.

[Response] IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Gently wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

Other hazards which do not result in classification: May cause polymerization

3. Composition / Information on Ingredients

Base Paste

Bis-GMA	1-10%
UDMA	20-30%
Dimethacrylate	1-10%
Ba glass filler	50-70%
Silica filler	Trace
Pigment	Trace
Initiator	Trace

Catalyst Paste

UDMA	20-30%
Bis-MEPP	1-10%
Dimethacrylate	1-10%
Ba glass filler	50-70%
Silica filler	Trace
Initiator	Trace

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: Not determined

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 color paste

Odor: Odorless

Boiling Point: Not determined

Vapor Pressure: Not determined

Vapor Density: Not determined

Solubility in Water: Not miscible.

Specific Gravity: Base Paste approx. 1.5 g/cm³, Catalyst Paste approx. 1.5 g/cm³

Freezing Point: Not determined

pH: Approx. Not determined

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

SDS No. 16-1-004-(1)-E, G-CEM LinkForce Cement

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.