Section 1 - CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier: UNIFAST TRAD – Powder
Product Code: 210128-1
Name of Supplier: GC Corporation
Address: 7-1 Hasunuma-Cho, Itabashi-Ku, Tokyo, Japan, Postal code 174-8585
Company Contact: Quality Assurance department
Phone Number: 81-3-3965-1388
Fax Number: 81-3-3965-1276
Restriction on Use: Prohibit use by anyone other than qualified dentistry.

Prohibit use for purposes other than those written in this product IFU.
Prohibition of use of glass ionomer cement, methacrylate-based polymers, and methacrylate-based monomers in patients with a history of hypersensitivity symptoms such as rash and dermatitis.

Prohibition of use of silicone in patients with a history of hypersensitivity symptoms such as rash and dermatitis.

Surgeons / patients who have a rash, dermatitis, or other hypersensitivity to this product should discontinue use and seek medical attention immediately.

Section 2 - HAZARDS IDENTIFICATION

GHS Classification of the Chemical: No applicable GHS classification data
GHS Label Elements: No information available

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name or Generic Name</th>
<th>Concentration or Its Ranges</th>
<th>Formula</th>
<th>ENCS No./ISHL No.</th>
<th>CAS RN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymethyl methacrylate</td>
<td>Confidential</td>
<td>Confidential</td>
<td>Confidential</td>
<td>Confidential</td>
</tr>
<tr>
<td>Benzoyl peroxide</td>
<td>Confidential</td>
<td>Confidential</td>
<td>Confidential</td>
<td>Confidential</td>
</tr>
<tr>
<td>Pigment</td>
<td>Confidential</td>
<td>Confidential</td>
<td>Confidential</td>
<td>Confidential</td>
</tr>
</tbody>
</table>

Section 4 - FIRST AID MEASURES

**Inhalation**
Call a doctor if you feel unwell.

**Skin Contact**
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice and attention.

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

**Ingestion**
Rinse mouth.
IF SWALLOWED: Call a doctor if you feel unwell.

Section 5 - FIRE FIGHTING MEASURES

**Suitable Extinguishing Media**
Use extinguishing agent suitable for type of surrounding fire.

**Unsuitable Extinguishing Media**
No information available

**Specific Hazards in Case of Fire**
Risk of producing harmful gases such as carbon monoxide.

**Specific Fire Fighting**
Avoid inhalation of smoke or gases.
Keep away from sources of ignition and use appropriate extinguishing media.
Prohibit unauthorized staff from entering the area around the fire.
Keep unnecessary people away.

**Special Protective Equipment and Precautions for Fire**
Use goggles in combination with dust mask, and another protections as appropriate to situation.

Section 6 - ACCIDENTAL RELEASE MEASURES
Personal Precautions, Protective Equipment and Emergency Procedures

Use goggles in combination with dust mask, and another protections as appropriate to situation.

Environmental Precautions

Large spills: Evacuate area.
Ensure adequate ventilation.

Methods and Equipment for Containment and Cleaning Up

Do not discharge into the drains, surface waters or ground water directly.
in case of fine powder: Sweep or vacuum spills to drums or containers.

Prevent dispersion of dust.
in case of fine powder: Use explosion-proof electrical equipment and prevent from static electricity.

Prevention Measures for Secondary Accidents

Keep away from sources of ignition and prepare extinguishing media.
Risk of slipping. Spilled material forms slippery floor.

Do not recklessly walk on the spillage.

Section 7 - HANDLING AND STORAGE

Handling

Technical Measures

Please comply with this section and the contents of this product IFU.
Provide ventilation system and use necessary personal protective equipment as described in "Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION".

Use local exhaust ventilation in case of production of fume or mist.
Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Prevents Handling of Incompatible Substances or

Refer to "Section 10 - STABILITY AND REACTIVITY".

Storage

Conditions for Safe Storage

Refer to "Section 10 - STABILITY AND REACTIVITY".

Store in well-ventilated place.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Use local exhaust ventilation in case of production of fume or mist.
Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Use explosion-proof electrical equipment and prevent from static electricity.

Personal Protective Equipment

Respiratory Protection

If necessary, wear respiratory protection.

Hand Protection

If necessary, wear protective gloves.

Eye/Face Protection

If necessary, wear protective eye protection.

Skin and Body Protection

If necessary, wear protective clothing.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State

solid

Form

solid (powder)

Colour

Crown color, Gingiva color

Odour

solvent odor

Melting Point/Freezing Point

Not applicable

Boiling Point or Initial Boiling Point and Boiling Ranges

Not applicable

Flammability

Lower and Upper Explosion Limit / Flammability Limit

Lower Limit

Applicable

Not applicable

Upper Limit

Not applicable

Flash Point

Not applicable

Auto-Ignition Temperature

No data available

Decomposition Temperature

No data available

pH

No data available

Kinematic Viscosity

No data available

Solubility

Not applicable
<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Partition Coefficient: ( n^- ) Octanol/Water</td>
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</tr>
<tr>
<td>Vapour Pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Density and/or Relative Density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative Gas Density</td>
<td>No data available</td>
</tr>
<tr>
<td>Particle Characteristics</td>
<td>No data available</td>
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</table>

**Section 10 – STABILITY AND REACTIVITY**

- **Reactivity**: No information available
- **Chemical Stability**: No information available
- **Possibility of Hazardous Reaction**: No information available
- **Conditions to Avoid**: No information available
- **Incompatible Substances or Mixtures**: No information available
- **Hazardous Decomposition Products**: No information available

**Section 11 – TOXICOLOGICAL INFORMATION**

- **Acute Toxicity**
  - Oral: Not classified. Classification not possible.
  - Dermal: Not classified. Classification not possible.
  - Inhalation: (gas): Does not fall under gas based on GHS definitions.
    - (vapour): Unable to classify.
    - (dust and mist): Not classified.
    - Classification not possible.
- **Skin Corrosion/Irritation**: Not classified. Classification not possible.
- **Serious Eye Damage/Eye Irritation**: Not classified. Classification not possible.
- **Respiratory Sensitization**: Not classified. Classification not possible.
- **Skin Sensitization**: Not classified. Classification not possible.
- **Germ Cell Mutagenicity**: Unable to classify.
- **Carcinogenicity**: Not classified.
### Reproductive Toxicity
(Reproductive toxicity)
Unable to classify.
(Reproductive toxicity, effects on or via lactation)

### Specific Target Organ Toxicity (Single Exposure)
Unable to classify.

### Specific Target Organ Toxicity (Repeated Exposure)
Not classified.

### Aspiration Hazard
Classification not possible.

### Section 12 - ECOLOGICAL INFORMATION
**Hazardous to the Aquatic Environment, Short-Term (Acute)**
Not classified.

**Hazardous to the Aquatic Environment, Long-Term (Chronic)**
Classification not possible.

**Ecotoxicity**
No data available

**Persistence**
No data available

**Bioaccumulative Potential**
No data available

**Mobility in Soil**
No data available

**Hazardous to the Ozone Layer**
Unable to classify.

### Section 13 - DISPOSAL CONSIDERATIONS
**Residual Waste**
Before disposal, make the wastes harmless, stabilized, and neutralized, and minimize danger and toxicity of the wastes. Dispose of waste in accordance with local, state and federal regulations.

**Contaminated Container and Packaging**
Passed to a licensed waste contractor.

In case of disposal of empty containers, remove the content thoroughly.

### Section 14 - TRANSPORT INFORMATION
**International Regulations**
- Regulatory Information by Sea: Not regulated
- Marine Pollutant: Not applicable
- Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex I, the IBC Code: Not applicable

**Regulations in Japan**
- Regulatory Information by Air: Not regulated
- Regulatory Information by Road: Not regulated
- Regulatory Information by Sea: Not regulated
- Marine Pollutant: Not applicable
<table>
<thead>
<tr>
<th>Section</th>
<th>Information</th>
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</thead>
<tbody>
<tr>
<td>15 - REGULATORY INFORMATION</td>
<td>It is recommended to consult the local regulations of the state/region to determine the identification as hazardous material.</td>
</tr>
<tr>
<td>16 - OTHER INFORMATION</td>
<td></td>
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<tr>
<td>Information Contact</td>
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### Regulatory Information

<table>
<thead>
<tr>
<th>Liquid Substance</th>
<th>Applicable</th>
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<tbody>
<tr>
<td>Transported in Bulk</td>
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<tr>
<td>According to</td>
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<tr>
<td>MARPOL 73/78,</td>
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<tr>
<td>Annex II, the IBC</td>
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<td>Code</td>
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<tr>
<td>Regulatory</td>
<td>Not regulated</td>
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<tr>
<td>Information by Air</td>
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**Emergency Response Guide Number**

None