

Preparation Date 2021/03/02

## Safety Data Sheet (SDS)

### Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier UNIFAST TRAD – Powder  
 Product Code 210128-1  
 Name of Supplier GC Corporation  
 Address 76-1 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

Distinction of Substance or Mixture Mixture

Chemical Name or Generic Name	Concentration or Its Ranges	Formula	ENCS No./ISHL No.		CAS RN
			ENCS No.	ISHL No.	
Polymethyl methacrylate	Confidential	Confidential	Confidential	Confidential	Confidential
Benzoyl peroxide	Confidential	Confidential	Confidential	Confidential	Confidential
Pigment	Confidential	Confidential	Confidential	Confidential	Confidential

### 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.  
 When dust occurs, use dry sand.  
 Unsuitable Extinguishing Media No information available  
 Specific Hazards in Case of Fire Risk of producing harmful gases such as carbon monoxide. Avoid inhalation of smoke or gases.  
 Specific Fire Fighting Fight fire from upwind position if possible  
 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  
Methods and Equipment  
for Containment and  
Cleaning Up

Large spills :Evacuate area.  
Ensure adequate ventilation.  
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 electrocity.

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.

Storage

Prevents Handling of  
Incompatible  
Substances or  
Conditions for Safe  
Storage

Refer to "Section 10 – STABILITY AND REACTIVITY".  
  
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.

Personal Protective  
Equipment

Respiratory  
Protection  
Hand Protection  
Eye/Face Protection  
Skin and Body  
Protection

Use explosion-proof electrical equipment and prevent from  
static electrocity.  
If necessary, wear respiratory protection.  
If necessary,wear protective gloves.  
If necessary,wear protective eye protection.  
If necessary,wear protective clothing.

**Section 9 – PHYSICAL AND CHEMICAL PROPERTIES**

Physical State  
Form  
Colour  
Odour  
Melting Point/Freezing  
Point  
Boiling Point or Initial  
Boiling Point and Boiling  
Ranges  
Flammability  
Lower and Upper  
Explosion Limit /  
Flammability Limit  
  
Flash Point  
Auto-Ignition  
Temperature  
Decomposition  
Temperature  
pH  
Kinematic Viscosity  
Solubility

Lower Limit  
  
  
  
  
  
  
  
  
  
Upper Limit

solid  
solid (powder)  
Crown color, Gingiva color  
solvent odor  
Not applicable  
Not applicable  
Applicable  
Not applicable  
Not applicable  
No data available  
No data available  
No data available  
No data available  
No data available  
Not applicable

Partition Coefficient : n- Octanol/Water	No data available
Vapour Pressure	No data available
Density and/or Relative Density	No data available
Relative Gas Density	No data available
Particle Characteristics	No data available

## 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 Carcinogenicity		Unable to classify. Not classified.

		Classification not possible.
Reproductive Toxicity		(Reproductive toxicity) Unable to classify. (Reproductive toxicity, effects on or via lactation)
Specific Target Organ Toxicity (Single Exposure)		Unable to classify. Not classified.
		Classification not possible.
Specific Target Organ Toxicity (Repeated Exposure)		Not classified.
		Classification not possible.
Aspiration Hazard		Classification not possible.
<b>Section 12 – ECOLOGICAL INFORMATION</b>		
Hazardous to the Aquatic Environment, Short-Term (Acute)		Not classified.
		Classification not possible.
Hazardous to the Aquatic Environment, Long-Term (Chronic)		Not classified.
		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.
<b>Section 13 – DISPOSAL CONSIDERATIONS</b>		
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.
<b>Section 14 – TRANSPORT INFORMATION</b>		
International Regulations	Regulatory Information by Sea	Not regulated
	Marine Pollutant Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex II, the IBC Code	Not applicable applicable
	Regulatory Information by Air	Not regulated
Regulations in Japan	Regulatory Information by Road	Not regulated
	Regulatory Information by Sea	Not regulated
	Marine Pollutant	Not applicable

	Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex II , the IBC Code	Applicable
	Regulatory Information by Air	Not regulated
Emergency Response Guide Number		None

Section 15 – REGULATORY INFORMATION

It is recommended to consult the local regulations of the state/region to determine the identification as hazardous material.

Section 16 – OTHER INFORMATION

Information Contact No information available