

Preparation Date 2021/02/17

Safety Data Sheet (SDS)

Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier G-aenial Posterior
 Product Code 210121-2
 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.

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

Health Hazards Acute toxicity (oral) Category 3
 Other hazards than mentioned above are Not classified or Classification not possible.

GHS Label Elements

Pictograms



Signal Word Danger
 Hazard Statements H301 Toxic if swallowed
 Precautionary Statements
 Prevention Wash hand thoroughly after handling.(P264)
 Do not eat, drink or smoke when using this product.(P270)
 Response IF SWALLOWED: Immediately call a doctor.(P301+P310)
 Specific treatment.(P321)
 Rinse mouth.(P330)
 Storage Store locked up.(P405)
 Disposal Dispose of contents and container in accordance with local, regional and national regulations (to be specified).(P501)

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.	
Urethanedimethacrylate	10-15%	Confidential	Confidential	Confidential	Confidential
Dimethacrylate	5-10%	Confidential	Confidential	Confidential	Confidential
Silicon dioxide	1-5%	Confidential	Confidential	Confidential	Confidential
Fluoro-alumino-silicate glass	45-50%	Confidential	Confidential	Confidential	Confidential
Composite filler	30-35%	Confidential	Confidential	Confidential	Confidential

Colorant	Confidential	Confidential	Confidential	Confidential	Confidential
Photo initiator	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

IF SWALLOWED: Immediately call a doctor.

Rinse mouth.

Specific treatment.

Section 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing

Use extinguishing agent suitable for type of surrounding fire.

Media

When dust occurs, use dry sand.

Unsuitable Extinguishing

No information available

Media

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

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

Equipment and

Precautions for Fire

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.

Large spills :Evacuate area.

Ensure adequate ventilation.

Environmental

Do not discharge into the drains, surface waters or ground water directly.

Precautions

Methods and Equipment

Sweep or vacuum spills to drums or containers.

for Containment and

Cleaning Up

Prevention Measures for

Keep away from sources of ignition and prepare

Secondary Accidents

extinguishing media.

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.

	Precautions for Safe Handling	Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.
	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 locked up.

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	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		paste
Colour		According to product specification
Odour		Odourless
Melting Point/Freezing Point		No data available
Boiling Point or Initial Boiling Point and Boiling Ranges		No data available
Flammability		No data available
Lower and Upper Explosion Limit / Flammability Limit	Lower Limit	No data available
	Upper Limit	No data available
Flash Point		> 150°C
Auto-Ignition Temperature		No data available
Decomposition Temperature		No data available
pH		No data available
Kinematic Viscosity		No data available
Solubility		No data available
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 Category 3
 Dermal Unable to classify
 Inhalation (gas)
 Does not fall under gas based on GHS definitions.

(vapour)
 Unable to classify
 (dust and mist)
 Unable to classify
 Skin Corrosion/Irritation Unable to classify
 Serious Eye Damage/Eye Irritation Unable to classify

Respiratory Sensitization Unable to classify

Skin Sensitization Unable to classify
 Germ Cell Mutagenicity Unable to classify
 Carcinogenicity Unable to classify
 Reproductive Toxicity (Reproductive toxicity)
 Unable to classify
 (Reproductive toxicity, effects on or via lactation)

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

Specific Target Organ Toxicity (Repeated Exposure) Unable to classify

Aspiration Hazard Unable to classify

Section 12 – ECOLOGICAL INFORMATION

Hazardous to the Aquatic Environment, Short-Term (Acute) Unable to classify

Hazardous to the Aquatic Environment, Long-Term (Chronic) Unable to classify

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 II, the IBC Code	applicable
	Regulatory Information by Air	Not regulated
Regulations in Japan	Regulatory Information by Road	Complies with the Poisonous and Deleterious Substances Control Act.
	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

Described in item 1

Other Property

The information herein is given in good faith, but no warranty expressed or implied, is made.