

Preparation Date 2021/02/17

Safety Data Sheet (SDS)

Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier	G-aenial Anterior (except for TE shade)
Product Code	210120-2
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 4 Other hazards than mentioned above are Not classified or Classification not possible.
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GHS Label Elements

Pictograms



Signal Word	Warning
Hazard Statements	H302 Harmful 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: Call a doctor if you feel unwell.(P301+P312) Rinse mouth.(P330)
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	15-20%	Confidential	Confidential	Confidential	Confidential
Dimethacrylate	5-10%	Confidential	Confidential	Confidential	Confidential
Silicon dioxide	25-30%	Confidential	Confidential	Confidential	Confidential
Composite filler	45-50%	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.

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	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. Sweep or vacuum spills to drums or containers.
Prevention Measures for Secondary Accidents	Keep away from sources of ignition and prepare extinguishing media.

Section 7 – HANDLING AND STORAGE

Handling	Technical Measures	<p>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".</p> <p>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.</p>
	Precautions for Safe Handling	Do not eat, drink or smoke when using this product.
	Prevents Handling of Incompatible Substances or	Wash hands thoroughly after handling. Refer to "Section 10 – STABILITY AND REACTIVITY".

Storage	Conditions for Safe Storage	Refer to "Section 10 – STABILITY AND REACTIVITY". Store in well-ventilated place.
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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.
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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 4
	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) (Reproductive toxicity, effects on or via lactation)
		Unable to classify
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	applicable
	Transported in Bulk	
	According to MARPOL 73/78, Annex II, the IBC Code	

	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 Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex II, the IBC Code	Not applicable 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.