

Preparation Date 2021/02/17

Safety Data Sheet (SDS)

Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier everX Posterior
 Product Code 210120-1
 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.

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.

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.	
Barium glass	Confidential	60-70%	Confidential	Confidential	Confidential
Glass fiber	Confidential	5-15%	Confidential	Confidential	Confidential
Silicon dioxide	Confidential	1-5%	Confidential	Confidential	Confidential
Bis-GMA	Confidential	10-20%	Confidential	Confidential	Confidential

Triethyleneglycol dimethacrylate	Confidential	5-10%	Confidential	Confidential	Confidential
Polymethylmethacrylate	Confidential	Confidential	Confidential	Confidential	Confidential
Photo initiator	Confidential	Confidential	Confidential	Confidential	Confidential

Section 4 – FIRST AID MEASURES

<p>Inhalation</p> <p>Skin Contact</p> <p>Eye Contact</p> <p>Ingestion</p>	<p>Call a doctor if you feel unwell.</p> <p>IF ON SKIN: Wash with plenty of soap and water.</p> <p>If skin irritation occurs: Get medical advice and attention.</p> <p>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>IF SWALLOWED: Immediately call a doctor. Rinse mouth.</p>
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Section 5 – FIRE FIGHTING MEASURES

<p>Suitable Extinguishing Media</p> <p>Unsuitable Extinguishing Media</p> <p>Specific Hazards in Case of Fire</p> <p>Specific Fire Fighting</p> <p>Special Protective Equipment and Precautions for Fire</p>	<p>Use extinguishing agent suitable for type of surrounding fire.</p> <p>When dust occurs, use dry sand.</p> <p>No information available</p> <p>Risk of producing harmful gases such as carbon monoxide. Avoid inhalation of smoke or gases.</p> <p>Fight fire from upwind position if possible</p> <p>Keep away from sources of ignition and use appropriate extinguishing media.</p> <p>Prohibit unauthorized staff from entering the area around the fire.</p> <p>Keep unnecessary people away.</p> <p>Use goggles in combination with dust mask, and another protections as appropriate to situation.</p>
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Section 6 – ACCIDENTAL RELEASE MEASURES

<p>Personal Precautions, Protective Equipment and Emergency Procedures</p> <p>Environmental Precautions</p> <p>Methods and Equipment for Containment and Cleaning Up</p> <p>Prevention Measures for Secondary Accidents</p>	<p>Use goggles in combination with dust mask, and another protections as appropriate to situation.</p> <p>Large spills :Evacuate area.</p> <p>Ensure adequate ventilation.</p> <p>Do not discharge into the drains, surface waters or ground water directly.</p> <p>Sweep or vacuum spills to drums or containers.</p> <p>Keep away from sources of ignition and prepare extinguishing media.</p>
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Section 7 – HANDLING AND STORAGE

<p>Handling</p> <p>Technical Measures</p>	<p>Please comply with this section and the contents of this product IFU.</p> <p>Provide ventilation system and use necessary personal protective equipment as described in “Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION”.</p>
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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 in well-ventilated place.

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

	Exposure Limits (ACGIH)
Glass fiber	TWA 0.01 mg/m ³ , STEL – (as As);TWA 0.01 mg/m ³ , 0.002 mg/m ³ (R), STEL – (as Cd);TWA 0.02 mg/m ³ (R), 0.1 mg/m ³ (I), STEL – (as Mn);TWA 0.05 mg/m ³ , STEL – (as Pb);TWA 0.5 mg/m ³ , STEL – (as Sb);TWA 0.2 mg/m ³ , STEL – (as Se);TWA 0.1 mg/m ³ , STEL – (as Te, excluding hydrogen telluride)

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 yellow
Odour monomer odor
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		No data available
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 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) Unable to classify (Reproductive toxicity, effects on or via lactation)
		Unable to classify due to insufficient data

Specific Target Organ Toxicity (Single Exposure) 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 Not 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 Not regulated

Regulatory Information by Sea Not regulated

Marine Pollutant Not applicable

Liquid Substance Not applicable

Transported in Bulk

According to

MARPOL 73/78,

Annex II, the IBC

Code

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
Other Property

Described in item 1

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