

Preparation Date 2021/03/02

Safety Data Sheet (SDS)

Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier TEMPRON – Powder
 Product Code 201215-4
 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

Environmental Hazards Hazardous to the aquatic environment, short-term (acute) Category 3
 Other hazards than mentioned above are Not classified or Classification not possible.

GHS Label Elements Hazard Statements H402 Harmful to aquatic life

Precautionary Statements

Prevention Avoid release to the environment.(P273)
 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.	
Polymethyl methacrylate	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.

Eye Contact If skin irritation occurs: Get medical advice and attention.
 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 When dust occurs, use dry sand.
 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.

Special Protective Equipment and Precautions for Fire Keep unnecessary people away.
 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.

Prevention Measures for Secondary Accidents 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".

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

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
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	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		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		Unable to classify.
Skin Sensitization		Not classified.
		Classification not possible.
Germ Cell Mutagenicity		Unable to classify.
Carcinogenicity		Not classified.
		Classification not possible.
Reproductive Toxicity		(Reproductive toxicity) Not classified.
		Classification not possible.
		(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.
Section 12 – ECOLOGICAL INFORMATION		
Hazardous to the Aquatic Environment, Short-Term (Acute)		Category 3.
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.
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 Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex II, the IBC Code	Not applicable applicable
Regulations in Japan	Regulatory Information by Air	Not regulated
	Regulatory Information by Road	Complies with the Fire Service 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		No information available