

Preparation Date 2021/03/15

Safety Data Sheet (SDS)

Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier GC RELINE II Finishing Material Catalyst
 Product Code 210315-7
 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 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

Health Hazards Carcinogenicity Category 1A
 Specific target organ toxicity (repeated exposure)
 Category 2 (respiratory apparatus kidney immunological system)
 Other hazards than mentioned above are Not classified or Classification not possible.

GHS Label Elements

Pictograms



Signal Word Danger
 Hazard Statements H350 May cause cancer
 H373 May cause damage to respiratory apparatus, kidney, immunological system through prolonged or repeated exposure

Precautionary Statements

Prevention Obtain special instructions before use.(P201)
 Do not handle until all safety precautions have been read and understood.(P202)
 Do not breathe dust/fume/gas/mist/vapours/spray.(P260)
 Wear protective gloves/protective clothing/eye protection/face protection.(P280)

Response IF exposed or concerned: Get medical advice/attention.(P308+P313)
 Get medical advice and attention if you feel unwell.(P314)

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.	

Silicon dioxide	10%	Private	Private	Private	Private
Vinylpolysiloxane	Private	Private	Private	Private	Private
Platinum complex	Private	Private	Private	Private	Private

Section 4 – FIRST AID MEASURES

Inhalation

Call a doctor if you feel unwell.

IF exposed or concerned: Get medical advice and attention.

Skin Contact

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice and attention.

IF exposed or concerned: 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.

IF exposed or concerned: Get medical advice and attention.

Ingestion

Rinse mouth.

IF SWALLOWED: Call a doctor if you feel unwell.

IF exposed or concerned: Get medical advice and attention.

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

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	Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapours/spray.
	Prevents Handling of Incompatible Substances or Conditions for Safe Storage	Refer to "Section 10 – STABILITY AND REACTIVITY". Store locked up. Refer to "Section 10 – STABILITY AND REACTIVITY".
Storage		

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	Wear protective gloves.
	Eye/Face Protection	Wear eye protection/face protection.
	Skin and Body Protection	Wear protective clothing.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State		the others
Form		paste
Colour		Clear half translucent
Odour		No smell
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
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
 Conditions to Avoid
 Incompatible Substances or Mixtures

No information available
 No information available
 Base

Hazardous Decomposition Products

Oxidant
 Acid
 Hydrogen gas

Section 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity Oral Classified as Not classified

Changed from Not Classified to Classification not possible

Dermal Classified as Not classified

Changed from Not Classified to Classification not possible

Inhalation

(gas)
 Unable to classify due to insufficient data.
 (vapour)
 Unable to classify due to insufficient data.
 (dust and mist)
 Unable to classify due to insufficient data.
 Classified as Not classified

Skin Corrosion/Irritation

Changed from Not Classified to Classification not possible

Serious Eye Damage/Eye Irritation

Classified as Not classified

Changed from Not Classified to Classification not possible

Respiratory Sensitization

Unable to classify due to insufficient data.

Skin Sensitization
 Germ Cell Mutagenicity
 Carcinogenicity

Unable to classify due to insufficient data.
 Unable to classify due to insufficient data.
 Classified as Category 1A

Reproductive Toxicity

(Reproductive toxicity)
 Unable to classify due to insufficient data.
 (Reproductive toxicity, effects on or via lactation)

Specific Target Organ Toxicity (Single Exposure)

Unable to classify due to insufficient data.
 Classified as Not classified

Changed from Not Classified to Classification not possible

Specific Target Organ Toxicity (Repeated Exposure)

Classified as Category 2(respiratory apparatus)

Classified as Category 2(kidney)

		Classified as Category 2(immunological system)
Aspiration Hazard		Classified as Classification not possible
Section 12 – ECOLOGICAL INFORMATION		
Hazardous to the Aquatic Environment, Short-Term (Acute)		Classified as Not classified
		Changed from Not classified to Classification not possible
Hazardous to the Aquatic Environment, Long-Term (Chronic)		Classified as Not classified
		Changed from Not classified to 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 due to insufficient data.
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 consulting 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.