

Preparation Date 2021/02/01

## Safety Data Sheet (SDS)

### Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier	FLEXCEED PUTTY Base
Product Code	201216-3
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.

Use for purposes other than those stated in the [Performance, Purpose of use, Efficacy or Effect] of the package insert is prohibited.

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	Germ cell mutagenicity Category 2 Carcinogenicity Category 1A Specific target organ toxicity (repeated exposure) Category 1 (respiratory apparatus kidney immunological system) Other hazards than mentioned above are Not classified or Classification not possible.
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#### GHS Label Elements

##### Pictograms



Signal Word	Danger
Hazard Statements	H341 Suspected of causing genetic defects H350 May cause cancer H372 Causes 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) Wash hand thoroughly after handling.(P264) Do not eat, drink or smoke when using this product.(P270) 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	Confidential	Confidential	Confidential	Confidential	Confidential
Vinyl dimethyl polysiloxane	Confidential	Confidential	Confidential	Confidential	Confidential
Methyl hydrogen dimethyl polysiloxane	Confidential	Confidential	Confidential	Confidential	Confidential
Pigment (blue color)	Confidential	Confidential	Confidential	Confidential	Confidential

**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.  
Methods and Equipment for Containment and Cleaning Up Ensure adequate ventilation.  
Prevention Measures for Secondary Accidents Do not discharge into the drains, surface waters or ground water directly.  
Sweep or vacuum spills to drums or containers.

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 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.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Do not breathe dust/fume/gas/mist/vapours/spray.

Storage 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”.

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

	Exposure Limits (ACGIH)
Silicon dioxide	TWA 0.025 mg/m <sup>3</sup> (R), STEL –

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		Blue
Odour		Odorless
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		Insoluble in water
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		Stable under normal conditions of use.
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	Unable to classify
	Dermal	Unable to classify
	Inhalation	(gas) Unable to classify (vapour) Unable to classify (dust and mist)
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		Category 2
Carcinogenicity		Category 1A

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) Category 1(respiratory apparatus)  
Category 1(kidney)  
Category 1(immunological system)

Aspiration Hazard Classification not possible

Section 12 – ECOLOGICAL INFORMATION

Hazardous to the Aquatic Environment, Short-Term (Acute) Classification not possible

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

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	applicable
	Transported in Bulk	
	According to	
	MARPOL 73/78,	
	Annex II, the IBC	
	Code	
	Regulatory	Not regulated
	Information by Air	
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.