

Preparation Date 2021/01/27

Safety Data Sheet (SDS)

Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier	GC TISSUE CONDITIONER Coating
Product Code	201223-2
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.

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

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

Physicochemical	Flammable liquids Category 2
Health Hazards	Acute toxicity (Inhalation: vapour) Category 4 Serious eye damage/eye irritation Category 2B Specific target organ toxicity (single exposure) Category 3 (narcotic effect respiratory tract irritation)

Other hazards than mentioned above are Not classified or Classification not possible.

GHS Label Elements

Pictograms



Signal Word	Danger
Hazard Statements	H225 Highly flammable liquid and vapour H320 Causes eye irritation H332 Harmful if inhaled H335 May cause respiratory irritation H336 May cause drowsiness or dizziness
Precautionary Statements	
Prevention	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.(P210) Keep container tightly closed.(P233) Ground and bond container and receiving equipment.(P240) Use explosion-proof electrical, ventilating and lighting equipment.(P241) Use non-sparking tools.(P242) Take action to prevent static discharges.(P243) Avoid breathing dust/fume/gas/mist/vapours/spray.(P261) Wash eye thoroughly after handling.(P264) Use only outdoors or in a well-ventilated area.(P271)

Response	<p>Wear protective gloves/protective clothing/eye protection/face protection.(P280)</p> <p>IF ON SKIN or hair: Take off immediately all contaminated clothing. Rinse skin with water or shower.(P303+P361+P353)</p> <p>IF INHALED: Remove person to fresh air and keep comfortable for breathing.(P304+P340)</p> <p>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.(P305+P351+P338)</p>
Storage	<p>Call a doctor if you feel unwell.(P312)</p> <p>If eye irritation persists: Get medical advice/attention.(P337+P313)</p> <p>In case of fire: Use appropriate media to extinguish.(P370+P378)</p> <p>Store in a well-ventilated place. Keep container tightly closed.(P403+P233)</p> <p>Store in a well-ventilated place. Keep cool.(P403+P235)</p>
Disposal	<p>Store locked up.(P405)</p> <p>Dispose of contents and container in accordance with local, regional and national regulations (to be specified).(P501)</p>

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.	
Ethyl acetate	60-80%	Confidential	Confidential	Confidential	Confidential
Methacrylate polymer	Confidential	Confidential	Confidential	Confidential	Confidential

Section 4 – FIRST AID MEASURES

Inhalation

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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.

If eye irritation persists: Get medical advice/attention.

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.

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

Special Protective Equipment and Precautions for Fire

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.
 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.
 Do not discharge into the drains, surface waters or ground water directly.
 small spill : absorb with material such as non-combustible material wash thoroughly after handling

Methods and Equipment for Containment and Cleaning Up

Prevention Measures for Secondary Accidents

Large spills: Dike spills and dispose of in safe area.

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 IFU.
 Provide ventilation system and use necessary personal protective equipment as described in "Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION".

Ground/bond container and receiving equipment.
 Use only non-sparking tools.
 Use explosion-proof electrical/ventilating/lighting.

Take precautionary measures against static discharge.

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/eye protection/face protection.
 Wash hands thoroughly after handling.
 Use only outdoors or in a well-ventilated area.

Keep cool.
 Avoid breathing dust/fume/gas/mist/vapours/spray.

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 locked up.
 Store container tightly closed in well-ventilated place.

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

	Exposure Limits (ACGIH)
Ethyl acetate	TWA 400 ppm, 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. Use explosion-proof electrical equipment and prevent from static electricity.
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		liquid
Form		liquid
Colour		Transparent
Odour		Ester-like
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	No information available
Incompatible Substances or Mixtures	No information available
Hazardous Decomposition Products	No information available

Section 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity	Oral	Category 5
	Dermal	Not classified
	Inhalation	(gas) Does not fall under gas based on GHS definitions.
		(vapour) Category 4 (dust and mist) Unable to classify Unable to classify
Skin Corrosion/Irritation		
Serious Eye Damage/Eye Irritation		Category 2B
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
Specific Target Organ Toxicity (Single Exposure)		Category 3(narcotic effect)
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 UN No. Proper Shipping Class Packing Group Marine Pollutant Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex II, the IBC Code	Conform to the provisions of IMO. 1173 ETHYL ACETATE 3 II Not applicable Applicable
Regulations in Japan	Regulatory Information by Air UN No. Proper Shipping Class Packing Group Regulatory Information by Road Regulatory Information by Sea UN No. Proper Shipping Class Packing Group Marine Pollutant Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex II, the IBC Code Regulatory Information by Air UN No. Proper Shipping Class Packing Group	Conform to the provisions of ICAO/IATA. 1173 ETHYL ACETATE 3 II Not regulated Conform to the provisions of the Ship Safety Law. 1173 ETHYL ACETATE 3 II Not applicable Applicable Conform to the provisions of the Civil Aeronautics Law. 1173 ETHYL ACETATE 3 II
Emergency Response Guide Number		129

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.
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