

Preparation Date 2021/02/01

## Safety Data Sheet (SDS)

### Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier INLAY WAX MEDIUM  
 Product Code 201224-2  
 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

Health Hazards Serious eye damage/eye irritation Category 2B  
 Specific target organ toxicity (single exposure) Category 3 (respiratory tract irritation)  
 Other hazards than mentioned above are Not classified or Classification not possible.

#### GHS Label Elements

##### Pictograms



Signal Word Warning  
 Hazard H320 Causes eye irritation  
 H335 May cause respiratory irritation

##### Precautionary Statements

Prevention 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 IF INHALED: Remove person to fresh air and keep comfortable for breathing.(P304+P340)  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.(P305+P351+P338)

Call a doctor if you feel unwell.(P312)  
 If eye irritation persists: Get medical advice/attention.(P337+P313)

Storage Store in a well-ventilated place. Keep container tightly closed.(P403+P233)  
 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.	
Paraffin wax	Confidential	Confidential	Confidential	Confidential	Confidential
Colorant	Confidential	Confidential	Confidential	Existing	Confidential
Hydrocarbon resin	Confidential	Confidential	Confidential	Confidential	Confidential
Carnauba wax	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: 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.

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.

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.

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	<p>Please comply with this section and the contents of this IFU.</p> <p>Provide ventilation system and use necessary personal protective equipment as described in "Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION".</p> <p>Use local exhaust ventilation in case of production of fume or mist.</p> <p>Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.</p>
	Precautions for Safe Handling	<p>Wash hands thoroughly after handling.</p> <p>Use only outdoors or in a well-ventilated area.</p> <p>Avoid breathing dust/fume/gas/mist/vapours/spray.</p>
Storage	Prevents Handling of Incompatible Substances or Conditions for Safe Storage	<p>Refer to "Section 10 – STABILITY AND REACTIVITY".</p> <p>Refer to "Section 10 – STABILITY AND REACTIVITY".</p> <p>Store locked up.</p> <p>Store container tightly closed in well-ventilated place.</p>

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

	Exposure Limits (ACGIH)
Paraffin wax	TWA 2 mg/m <sup>3</sup> , STEL –

Engineering Controls		<p>Use local exhaust ventilation in case of production of fume or mist.</p> <p>Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.</p>
Personal Protective Equipment	Respiratory Protection Hand Protection Eye/Face Skin and Body Protection	<p>If necessary, wear respiratory protection.</p> <p>If necessary, wear protective gloves.</p> <p>If necessary, wear protective eye protection.</p> <p>If necessary, wear protective clothing.</p>

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State		solid
Form		solid (waxy)
Colour		Red Green Gray
Odour		No data available
Melting Point/Freezing Point		Freezing Point 57.2°C
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	Classification not possible
	Dermal	Classification not possible
	Inhalation	(gas) Does not fall under gas based on GHS definitions. (vapour) Unable to classify (dust and mist) Unable to classify
Skin Corrosion/Irritation Serious Eye Damage/Eye Irritation		Classification not possible 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(respiratory tract irritation)
Specific Target Organ Toxicity (Repeated Exposure)		Unable to classify
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 Marine Pollutant Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex II, the IBC Code	Not regulated Not applicable
Regulations in Japan	Regulatory Information by Air Regulatory Information by Marine Pollutant Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex II, the IBC Code	Not regulated Not regulated Not regulated Not applicable
Emergency Response Guide Number	Regulatory Information by Air	None Not regulated

**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	Described in item 1
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Other Property

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