

## Chemical Material Safety Data Sheet (MSDS)

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### [Manufacturer]

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Charge of Dept Quality Control

### [Product name]

**Diamond Paste (DIAP,DIAPC)**

### [Composition/constituent information]

No.	Name	Chemical formula	Content (%)	CAS No.	Official gazette notice No.
1	Artificial diamond	C	20~25%	—	—
2	Castor oil	C-(CH <sub>2</sub> ) <sub>5</sub> -C-C-C= (CH <sub>2</sub> ) <sub>7</sub> -COOH	Less than 53%	8001-79-4	Not under the control of the Chemical Session Law
3	Vegetable wax	C-(CH <sub>2</sub> ) <sub>14</sub> -COOH	Less than 47%	8001-39-6	Not under the control of the Chemical Session Law

\* The PRTR Law is not applicable.

### [GHS Classification]

Physicochemical hazard

Combustible solids (Classification: Not possible)



Health Hazard

Not classified

### [Outline of hazard and harmfulness]

- \* Hazard: Flammables are strictly prohibited.
- \* Harmfulness: Not stimulant to skin and not carcinogenic

### [Emergency measures]

- \* When sticking to the human body: Wash the body in water (liquid soap).
- \* When getting into the eye: Wash the eye in running water without rubbing or closing it, and take medical advice from a doctor.
- \* When swallowing: Drink much water or salt water to induce to vomit, and consult with a doctor.
- \* When getting poisoned: Free from poisoning. (No reported case)

### [Measure to be taken at occurrence of a fire]

- \* Effective fire extinguishing method: Injection of much water, carbonic acid gas, powder fire extinguisher, fire extinguisher, and earth and sand.
- \* Precaution on fire extinguishing: NFPA2



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### [Measure to be taken at occurrence of leakage]

- \* Absorb the product into a waste cloth or sand for collection taking care about flammables.

### [Precautions on handling and storage]

- \* Avoid using the product near fire or an ignition source such as heat source.
- \* Store the product in a sealed container when it is not used, and avoid bringing it close to fire.
- \* Store it in a cold place that is not exposed to direct sunlight.

### [Exposure preventing/protecting measure]

- \* Its special harmfulness is not known.
- \* Put on rubber gloves for protection as required.

### [Physical and chemical properties]

- \* Appearance: Paste state. Smelling.
- \* Boiling point: Approx. 215°C Melting point: Approx. 40°C

### [Stability and reaction]

- \* Stable in ordinary handling.

### [Harmfulness information]

- \* Not stimulant to the skin and not carcinogenic

### [Information about influence on environment]

- \* Marine Pollution Prevention Law, Execution Law, Separate Table 1, Harmful Liquid Materials (Class D)

### [Precaution on scrapping]

- \* Containers and residual materials shall be collected as waste articles by self-governing body or dealer.

### [Precaution on transportation]

- \* No classification related to transportation.

### [Applicable laws and regulations]

- \* Fire Service Law, Article 9, Section 3, Separate Government Ordinance Table, Fourth Designated Combustibles, Combustible Liquid (2 m3)
- \* Marine Pollution Prevention law, Execution Law, Separate Table 1, Harmful Liquid Materials (Class D)

### [Other information]

- \* The described contents have been prepared on the reference materials that can be obtained at present, but do not give any guarantee.
- \* The contents of this data sheet are subject to change when new knowledge or information comes forth.