## Product name

**Diamond Paste (DIAP,DIAPC)**

### Composition/constituent information

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Chemical formula</th>
<th>Content (%)</th>
<th>CAS No.</th>
<th>Official gazette notice No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Artificial diamond</td>
<td>C</td>
<td>20~25%</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>Castor oil</td>
<td>C-(CH2)5-C-C-C=</td>
<td>Less than 53%</td>
<td>8001-79-4</td>
<td>Not under the control of the Chemical Session Law</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(CH2)7-COOH</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Vegetable wax</td>
<td>C-(CH2)14-COOH</td>
<td>Less than 47%</td>
<td>8001-39-6</td>
<td>Not under the control of the Chemical Session Law</td>
</tr>
</tbody>
</table>

* 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
[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.