Section 1 - Identification of the preparation and company

Trade name: Liquid Blocker
Manufacturer: Daido Sangyo Co., Ltd.
Emergency tel: +81 3 3984 0384
Product code: Liquid Blocker Regular/Mini
Use of substance/prepare:
Marker pen for glass slide

Section 2 - Hazards identification

Hazardous health and Acute Toxicity or Chronic Toxicity:
* This pen contains industrial chemicals, avoid skin contact

GHS pictograms

Signal word: DANGER

Section 3 - Composition/information on ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Percentage</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abzol</td>
<td>60.5%</td>
<td>CAS# 106-94-5</td>
</tr>
<tr>
<td>Butyl rubber</td>
<td>30%</td>
<td>CAS# 9010-85-9</td>
</tr>
<tr>
<td>Solvent naphtha</td>
<td>9.5%</td>
<td>CAS# 64742-95-6</td>
</tr>
</tbody>
</table>
Section 4 - First-aid measures

* Skin contact:
  In case of being contacted the skin, wash thoroughly with soap and water, liquid extremely.

* Eye contact:
  Irritating to eye, flush with plenty of water - call a physician.

* If swallowed and emergency procedure
  Vomits and seek medical help.

* Antidote
  A solution of salt

Section 5 - Fire-fighting measures

Suitable extinguishing media:
* Carbon dioxide

Extinguish Method
* Fire extinguisher

Section 6 - Accidental release measures

Protect hand with glove and wipe it off with a waste.
Collect in the container which can be sealed.

Neutralizing media:
Alcohol
**Section 7 - Handling and storage**

Handling:
* Keep away from heat and open flame and small children directions.
* Do not open a back plug of the pen.
* In case of skin contact flush with plenty of water.

Storage:
Keep from heat and open flame, strong oxidants and small children.

Storage temperature:
25°C

**Section 8 - Exposure controls / personal protection**

Use in a well-ventilated place and keep from heat and open flame.

**Section 9 - Physical and chemical properties**

- **physical state:** liquid
- **appearance:** green
- **odor:** fragrance
- **solubility in water(at 20°C):** 0%
- **boiling point:** 81.4°C
- **melting point:** -110°C
- **viscosity(at 20°C):** 40 cps
- **pH:** 7
- **evaporation rate(But 18.5·Ac·1):** 18.5KPa

**Section 10 - Stability and reactivity**

Conditions / substances to avoid:
Stable under normal conditions.
Use in well ventilated area and keep from heat and open flame.
Section 11 - Toxicological information
Not available

Section 12 - Ecological information
Not available

Section 13 - Disposal considerations
Observe all state and local environmental regulations regarding waste disposal.

Section 14 - Transport information
UN number, hazard class, packing group
* Abzol 2344, 3, II
* Butyl rubber none
* Solvent naphtha 1268, 3, II

Section 15 - Regulatory information
Depends on the laws and ordinances of each country

Section 16 - Other information
not available

end of safety data sheet