1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Maxiflo (permanent marker)

COMPANY NAME : PENTEL CO., LTD
ADDRESS : 7-2 KOAMI-CHO NIHONNBASHI CHUO-KU TOKYO 103-8538 JAPAN
DEPARTMENT : QUALITY ASSURANCE DEPARTMENT
TELEPHONE No. : 048-928-6668 (JAPAN)
E-MAIL ADDRESS : hinpo@pentel.co.jp

PRODUCT CODE : NLF50–A(Black), B(Red), C(Blue), D(Green), E(Brown), F(Orange), G(Yellow), V(Violet)
NLF60–A(Black), B(Red), C(Blue), D(Green), E(Brown), F(Orange), G(Yellow), V(Violet)

2 COMPOSITION/INFORMATION ON IDENTIFICATION

A SUBSTANCE / A PREPARATION ; A PREPARATION

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CONCENTRATION</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>50–67%</td>
<td>64–17–5</td>
</tr>
<tr>
<td>n-propanol</td>
<td>14%</td>
<td>71–23–8</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>8–10%</td>
<td>67–63–0</td>
</tr>
<tr>
<td>Benzyl alcohol</td>
<td>4–5%</td>
<td>100–51–6</td>
</tr>
<tr>
<td>Ethoxypropanol</td>
<td>10%</td>
<td>1569–02–4</td>
</tr>
<tr>
<td>Alkylbenzene sulfonic acid</td>
<td>4%</td>
<td>68584–22–5</td>
</tr>
</tbody>
</table>

※1 Used for B(Red), C(Blue), D(Green), E(Brown), F(Orange), G(Yellow), V(Violet)
※2 Used for A(Black)

3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW : Flammable liquid

HAZARDS
HEALTH EFFECTS : N/A
ENVIRONMENTAL EFFECTS : N/A
PHYSICAL/CHEMICAL : N/A
SPECIFIC HAZARDS : N/A

4 FIRST-AID MEASURES

INHALATION : N/A
EYE CONTACT : Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.
SKIN CONTACT : Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.
INGESTION : Immediately wash mouth with plenty of water. If swallowed, do not induce vomiting. Get medical attention if symptoms occur.

5 FIRE-FIGHTING MEASURES

FIRE-FIGHTING METHOD : Use following extinguishing media.
EXTINGUISHING MEDIA : Carbon dioxide, dry chemical, form chemical

6 ACCIDENTAL RELEASE MEASURES

LAND SPILL : Absorb the liquid and scrub the area with detergent and water.
WATER SPILL : N/A
7 HANDLING AND STORAGE
   HANDLING: Keep away from sources of ignition, heat, and direct sunlight.
   Direct sources of heat must be avoided.
   STORAGE: Store away from sources of ignition, heat, and direct sunlight.
   A moderately cool, dry, well-ventilated area.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION
   ENGINEERING CONTROLS: for normal use; No special controls are needed.
   PERSONAL PROTECTIVE EQUIPMENT:
   EYE: No special equipment are needed.
   SKIN/BODY/HAND: No special equipment are needed.
   RESPIRATORY: No special equipment are needed.
   EXPLOSION GUIDELINE: N/A

9 PHYSICAL AND CHEMICAL PROPERTIES
   PHYSICAL STATE: Liquid
   APPEARANCE: Pen (Liquid ink permanent and waterproof marker)
   COLOR: 8 colors (Black, Red, Blue, Green, Brown, Orange, Yellow, Violet)
   ODOR: peculiar smell
   PH: N/A
   BOILING POINT: N/A
   MELTING POINT: N/A
   VAPOUR PRESSURE: N/A
   VAPOUR DENSITY: N/A
   SOLUBILITY IN WATER: insoluble
   VISCOSITY: N/A

10 STABILITY AND REACTIVITY
   CHEMICAL STABILITY: STABLE AT ROOM TEMPERATURE
   CONDITION TO AVOID: Avoid temperatures above 40℃
   Store away from sources of ignition, heat, and direct sunlight.

11 TOXICOLOGICAL INFORMATION
   ACUTE TOXICITY: N/A
   EYE EFFECTS: N/A
   SKIN EFFECTS: N/A
   CHRONIC EFFECTS: N/A
   CARCINOGENICITY: N/A

12 ECOLOGICAL INFORMATION: N/A

13 DISPOSAL CONSIDERATIONS
   Comply with national and local regulations.
   Do not dump this material into sewers, on the ground or into any body of water.

14 TRANSPORT INFORMATION
   FLASH POINT: about 14.5℃
   UNNo: 1263
   Comply with national and local regulations.
   See above Section 7, “HANDLING AND STORAGE”

15 REGULATORY INFORMATION
   N/A

16 OTHER INFORMATION
   NONE

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