

ISSUE NUMBER : W1-BL270000-01-E

ISSUE DATE: MARCH.4,2009

**1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME : ENERGEL Retractable  
Gel Roller Pen (0.7mm)  
 COMPANY NAME : PENTEL CO.,LTD  
 ADDRESS : 7-2 KOAMI-CHO, NIHONBASHI, CHUO-KU, TOKYO, 103-8538 JAPAN  
 TELEPHONE NO. : 03-3667-3333 (JAPAN)  
 DEPARTMENT : QUALITY ASSURANCE DEPARTMENT  
  
 PRODUCT CODE : BL27-A(Black),B(Red),C(Blue),D(Green),V(Violet)

**2 COMPOSITION/INFORMATION OR IDENTIFICATION**

《 CHEMICAL NAME 》	《CONCENTRATION	《CAS NO.》
ETHYLENE GLYCOL	9-10%	107-21-1
DIETHYLENE GLYCOL	7-8%	111-46-6
GLYCEROL	7-8%	56-81-5

**3 HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW : N/A

HAZARDS

SPECIFIC HAZARDS : N/A  
 PHYSICAL/CHEMICAL : N/A  
 HEALTH EFFECTS : Causes slight skin and eye irritation.  
 ENVIRONMENTAL EFFEC : 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 : Give victim a glass of water or milk. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

**5 FIRE FIGHTING MEASURES**

FIRE FIGHTING METHO : No flammable liquid  
 EXTINGUISHING MEDIA : N/A

**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.  
 STORAGE : Store away from sources of ignition, heat, and direct sunlight.



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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTRO: : No special controls are needed.

PERSONAL PROTECTIVE EQUIPMENT:

- EYE : None needed.
- SKIN/BODY/HAND : None needed.
- RESPIRATORY : None needed.
- EXPOSURE GUIDELINES : N/A

9 PHYSICAL AND CHEMICAL PROPERTIES

- PHYSICAL STATE : Liquid.(ink)
- APPEARANCE : ball point pen
- COLOR : black,red,blue,green,violet
- ODOR : none
- SOLUBILITY IN WATER : Soluble.

10 STABILITY AND REACTIVITY

- CHEMICAL STABILITY : Stable at room temperature.
- CONDITIONS TO AVOID : Avoid temperatures above 104° F (40°C).  
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 all federal, state, and local regulations.
- Do not dump this material into sewers,on the ground or into any body of water.

14 TRANSPORT INFORMATION

- Comply with all federal, state, and local regulations.
- See above Section 7, "HANDLING AND STORAGE."

15 REGULATORY INFORMATION

- N/A

16 OTHER INFORMATION

- None

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