### PENTEL

## MATERIAL SAFETY DATA SHEET

ISSUE NUMBER

: W1-BL600000-01-E

ISSUE DATE:Dec.13,2004

# 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME

: ENERGEL REFILLABLE

Gel Roller Pen

**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

: BL60-A Black) BL60-B Ked) BL60-C Blue)

## 2 COMPOSITION/INFORMATION OR IDENTIFICATION

**《CHEMICAL NAME》** 

CONCENTRATION

**CAS NO.** 

ETHYLENE GLYCOL DIETHYLENE GLYCOL 9.7% 7.3%

107-21-1 111-46-6

**GLYCEROL** 

7.3%

56-81-5

## HAZARDS IDENTIFICATION

EMERGENCY OVERVIEV: N/A

**HAZARDS** 

SPECIFIC HAZARDS PHYSICAL/CHEMICAL : N/A : N/A

HEALTH EFFECTS

: Causes slight skin and eye irritation.

ENVIRONMENTAL EFFEC: N/A

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. : Store away flom sources of ignition, heat, and direct sunlight.

**STORAGE** 

### PENTEL

# MATERIAL SAFETY DATA SHEET

ISSUE NUMBER

: W1-BL600000-01-E

ISSUE DATE:Dec.13,2004

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

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

**FYE EFFECTS** 

: N/A

SKIN EFFECTS

: N/A

CHRONIC EFFECTS CARCINOGENICITY

: N/A : 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

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of PENTEL Co., Ltd. It relates only to the specific material designated herein, and does not relate to use in combination with any other material or in any process. PENTEL Co., Ltd. assumes no legal responsibility for use of or reliance upon this information.