

ISSUE NUMBER : W3-K108X005-01-E

ISSUE DATE:Jan.9, 2001

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Hybrid Gel Grip
 0.8mm Ball(Medium point)
 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 : K108-X(Gold),K108-Z(Silver)
 K118-X(Gold),K118-Z(Silver)

2 COMPOSITION/INFORMATION OR IDENTIFICATION

(CHEMICAL NAME)	(CONCENTRATION	(CAS NO.)
ETHYLENE GLYCOL	10.0 ~ 35.7%	107 - 21 - 1
GLYCEROL	5.0 ~ 10.0%	56 81-5
Aluminium	2.7 ~ 3.7%	7429 - 90 - 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 : Immediately flush mouth with plenty of water.
 Small amounts swallowed are not likely to cause injury.
 Get medical attention,if swallowed large amounts do not induce vomiting,and/or 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 flom sources of ignition, heat, and direct sunlight.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROL : 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 : Gold , Silver

ODOR : none

PH : 7

BOILING POINT : N/A

MELTING POINT : N/A

VAPOR PRESSURE : N/A

SPECIFIC GRAVITY : N/A

SOLUBILITY IN WATER : Soluble.

VISCOSITY : N/A

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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