

ISSUE NUMBER : G1-ZL310001-03-E

ISSUE DATE:Aug 19,2011

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : CORRECTION PEN (MULTI PURPOSE)

COMPANY NAME : PENTEL CO.,LTD
ADDRESS : 7-2 KOAMI-CHO, NIHONBASHI, 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 : ZL31-W,ZLC31-W,ZL33-W,ZL62-W,ZL63-W,ZL72-W,ZL73-W
ZL102-W,ZL103-W,ZL112-W,ZL113-W,ZL1S6,ZLC1S6,ZL1-W
ZLC1-W,ZLC21-W

2 COMPOSITION/INFORMATION OR IDENTIFICATION

《 CHEMICAL NAME 》	《 CONCENTRATION 》	《 CAS NO. 》
Methylcyclohexane	45%	108-87-2
Titanium Dioxide	45%	13463-67-7
Aluminium Silicate	3%	12141-46-7
Coconut Fatty acid Diethanolamide	2%	68603-42-9

3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW : N/A

HAZARDS

SPECIFIC HAZARDS : Flammable
PHYSICAL/CHEMICAL : N/A
HEALTH EFFECTS : Intentional inhalation of vapor is harmful to the health.
ENVIRONMENTAL EFFEC : N/A

4 FIRST AID MEASURES

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 METHO : 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.

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.
Keep out of reach of children.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROL : Use well-ventilated area

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 : Correction pen

COLOR : White

ODOR : peculiar smell

PH : N/A

BOILING POINT : N/A

MELTING POINT : N/A

VAPOR PRESSURE : N/A

SPECIFIC GRAVITY : N/A

SOLUBILITY IN WATER : insoluble

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

Flash point : -4.4°C

UNNo : 1263

•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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