

ISSUE NUMBER : G1-ZL310001-03-E

ISSUE DATE:Aug 19,2011

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**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  
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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

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**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

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**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

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**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.

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**5 FIRE FIGHTING MEASURES**

FIRE FIGHTING METHO : Use following extinguishing media  
 EXTINGUISHING MEDIA : Carbon dioxide, dry chemical,form chemical

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**6 ACCIDENTAL RELEASE MEASURES**

LAND SPILL : Absorb the liquid and scrub the area with detergent and water.

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**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

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**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

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**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.

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**11 TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY : N/A

EYE EFFECTS : N/A

SKIN EFFECTS : N/A

CHRONIC EFFECTS : N/A

CARCINOGENICITY : N/A

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**12 ECOLOGICAL INFORMATION**

: N/A

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**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.

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**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."

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**15 REGULATORY INFORMATION**

•N/A

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**16 OTHER INFORMATION**

•None

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