

ISSUE NUMBER : Q1-N5000001-02-E ISSUE DATE:Oct.28, 2015

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Felt Pen(permanent marker)

COMPANY NAME : PENTEL CO.,LTD
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 DEPARTMENT : QUALITY ASSURANCE DEPARTMENT

Australian Company : Pentel Australia Pty Ltd
 Address : Unit 4, 7 - 9 Orion Road, Lane Cove NSW 2066
 Phone : 1300 88 87 86
 Emergency Phone : 02 9425 4800
 ABN : 72 008 457 725

PRODUCT CODE : N50-A (Black) N50-B (Red) N50-C (Blue) N50-D (Green)
 N50-E (Brown) N50-F (Orange) N50-G (Yellow) N50-V (Violet)
 N60-A (Black) N60-B (Red) N60-C (Blue) N60-D (Green)

2 COMPOSITION/INFORMATION ON IDENTIFICATION

A SUBSTANCE / A PREPARATION ; A PREPARATION

《CHEMICAL NAME》	《CONCENTRATION》	《CAS No.》
Xylene	45-71%	1330-20-7
*1 Isobutyl alcohol	3-15%	78-83-1
*2 Propylene glycol monoethyl ether	6-15%	1569-02-4
*3 Ethylene glycol monophenyl ether	3%	122-99-6
*4 C.I.Solvent Blue 5	0.4-2.5%	1325-86-6

*1 Used only for N50-A/B/D/E/F/G/V
 *2 Used only for N50-B/C/D/E/F/G/V
 *3 Used only for N50-A
 *4 Used only for N50-C/V

3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW : Flammable liquid
 •Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fetal.

HAZARDS

HEALTH EFFECTS : N/A
 ENVIRONMENTAL EFF : N/A
 PHYSICAL/CHEMICAL : N/A
 SPECIFIC HAZARDS : 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 wash mouth with plenty of water. If swallowed, do not induce vomiting. Get medical attention if symptoms occur.

5 FIRE-FIGHTING MEASURES

FIRE-FIGHTING METHOD : Use following extinguishing media.
 EXTINGUISHING MEDIA : Carbon dioxide, dry chemical, foam chemical

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. Direct sources of heat must be avoided.
 STORAGE : Store away from sources of ignition, heat, and direct sunlight. A moderately cool, dry, well-ventilated area.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROL : for normal use; No special controls are needed.

PERSONAL PROTECTIVE EQUIPMENT:

EYE : No special equipment are needed.
 SKIN/BODY/HAND : No special equipment are needed.
 RESPIRATORY : No special equipment are needed.

EXPOSURE GUIDELINE : N/A

9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE : Liquid
 APPEARANCE : Pen(permanent and water-proof marker)
 COLOR : 8 colors(black, red, blue, green, brown, orange, yellow, violet)
 ODOR : peculiar smell
 PH : N/A
 BOILING POINT : N/A
 MELTING POINT : N/A
 VAPOUR PRESSURE : N/A
 VAPOUR DENSITY : N/A
 SOLUBILITY IN WATER : insoluble

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VISCOSITY : N/A

10 STABILITY AND REACTIVITY

CHEMICAL STABILITY : STABLE AT ROOM TEMPERATURE

CONDITION TO AVOID : Avoid temperatures above 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 national and local regulations.

Do not dump this material into sewers,on the ground or into any body of water.

14 TRANSPORT INFORMATION

Comply with national and local regulations.

See above Section 7,"HANDLING AND STRAGE"

15 REGURATORY INFORMATION

Comply with national and local regulations.

16 OTHER INFORMATION

NONE

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