

SAFETY DATA SHEET

2003

1. PRODUCT & COMPANY IDENTIFICATION

- WRITING INK NAMES V5-B,R,L,G,P,LB,V
- WRITING INSTRUMENT NAMES
 - BX-V5-B,R,L,G,P,LB,V
 - BX-V5C-B,R,L,G,P,LB,V
 - BX-V7-L
 - BX-V7C-L
 - BX-V2005-B,R,L,G
 - BXGP-V5-B,R,L,G
 - BX-V2007-L
 - BXGP-V7-L
 - BX-V2010-L
 - BXGP-V10-L
 - BXGPN-V5-B,R,L,G
 - BXGPN-V7-L
 - **BXGPN-V10-L[†]**

- NAME OF MANUFACTURER / SUPPLIER PILOT CORPORATION
- ADDRESS 6-21,KYOBASHI 2-CHOME,CHUO-KU,TOKYO,104-8304 JAPAN
- TELEPHONE NUMBER 03-3538-3700
- FAX NUMBER 03-3538-3915

2. COMPOSITION/INFORMATION ON INGREDIENTS

WRITING INK

SUBSTANCE / MIXTURE

MIXTURE

Triethanolamine

CAS No	weight %
102-71-6	2.0~2.6

- UN CLASS: Not applicable
- UN No.: Not applicable

3. HAZARDS IDENTIFICATION

WRITING INK

- CLASS NAME OF HAZARDOUS CHEMICALS FOR SDS IN JAPAN
Not applicable

WRITING INSTRUMENT

Follow the local law and regulations in your country.

4. FIRST-AID MEASURES

WRITING INK

- EYE CONTACT Gently rinse the affected eyes with clean water for at least 15 minutes.
And refer for medical attention.
- SKIN CONTACT Wash the affected area under tepid running water using a mild soap.
- INGESTION Refer for medical attention.

5. FIRE-FIGHTING MEASURES

WRITING INK AND WRITING INSTRUMENT

· EXTINGUISHING MEDIA

Not classed as flammable.
In case of fire,use water spray,foam,dry chemical powder or carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES**WRITING INK AND WRITING INSTRUMENT**

Absorb spill with material (cloth or paper) , then place in a chemical waste containers.

7. HANDLING & STORAGE

· HANDLING
WRITING INK

Avoid rough handling or dropping.
Follow the local law and regulations in your country.

· STORAGE
WRITING INK

Store in a cool, dry , well-ventilated location.
Follow the local law and regulations in your country.

WRITING INSTRUMENT

Follow the local law and regulations in your country.

8. EXPOSURE CONTROL /PERSONAL PROTECTION

· PERSONAL PROTECTIVE EQUIPMENT

WRITING INK

- EYE PROTECTION Wear eye protection.
- HAND PROTECTION Wear suitable gloves.
- SKIN AND BODY PROTECTION Wear suitable protective clothing.

WRITING INSTRUMENT

Not required

9. PHYSICAL & CHEMICAL PROPERTIES

WRITING INK

- PHYSICAL STATE , FORM: liquid
- COLOR: black, red, blue, green, pink, light blue, violet
- ODOUR: No odour
- Ph: 9.1-10.2
- FLASH POINT: boils without flashing
- EXPLOSIVE PROPERTIES: No data
- DENSITY: 1.07-1.11 (20.0°C)
- SOLUBILITY IN WATER: Soluble

10. STABILITY & REACTIVITY

WRITING INK

- STABILITY
- REACTIVITY WITH WATER: This material is stable.
- OXIDIZIBILITY: This material is stable
- SELF-REACTIVITY: This material is stable

· STABILITY & REACTIVITY

This product is considered a stable material under normal and anticipated storage and handling conditions

11. TOXICOLOGICAL INFORMATION

WRITING INK

- ACUTE TOXICITY
Triethanolamine LD50 8,680mg/kg (rat)
 - LOCAL EFFECTS Not available
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12. ECOLOGICAL INFORMATION

WRITING INK

- DEGRADABILITY Not available
 - BIOACCUMULATION Not available
 - ECOTOXICITY Not available
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13. DISPOSAL CONSIDERATION

WRITING INK AND WRITING INSTRUMENT

Follow all regulations in your country.

14. TRANSPORT INFORMATION

WRITING INK AND WRITING INSTRUMENT

Follow all regulations in your country.

- UN CLASS: Not applicable
 - UN No.: Not applicable
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15. REGULATORY INFORMATION

WRITING INK AND WRITING INSTRUMENT

Follow all regulations in your country.

16. OTHER INFORMATION

- REFERENCES

The information here is given in good faith ,but no warranty ,express or implied , is made.
Final determination of suitability of any material is the sole responsibility of the user.