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**SAFETY DATA SHEET**

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**1. PRODUCT & COMPANY IDENTIFICATION**

· WRITING INK NAMES	FXB-B,R,L,G,V,LB
· WRITING INSTRUMENT NAMES	BL-FR7-B,R,L,G,V,LB
· 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

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**2. COMPOSITION/INFORMATION ON INGREDIENTS**

## WRITING INK

SUBSTANCE / MIXTURE

MIXTURE

	CAS No	weight %	
Triethanolamine	102-71-6	1.0	(black. Red. Blue. Green. Violet. Light Blue)

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**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.

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**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.
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**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.
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**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.

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## 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

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## 9. PHYSICAL & CHEMICAL PROPERTIES

### WRITING INK

#### · PHYSICAL STATE , FORM:

viscosity liquid

#### · COLOR:

black,red,blue,green,violet,lightblue

#### · ODOUR

No odour

#### · pH

8.3-9.3

#### · FLASH POINT

boils without flashing

#### · EXPLOSIVE PROPERTIES

No data

#### · DENSITY:

1.05-1.07 (20.0°C)

#### · SOLUBILITY IN WATER

Soluble

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## 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.

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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.

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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.