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**MATERIAL SAFETY DATA SHEET**

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G1 GRIP

**PRODUCT COMPANY IDENTIFICATION**

WRITING INK NAMES ;G1-B,-L,-R,-G,  
 WRITING INSTRUMENT NAMES ;BLGP-G1-5/7-B,-L,-R,-G,  
 NAME OF MANUFACTURER / SUPPLIER ; PILOT CORPORATION  
 ADDRESS ;2-6-21,KYOBASHI, CHUOKU TOKYO,  
104-8304 JAPAN  
 TELEPHON NUMBER ; 03-3538-3700  
 FAX NUMBER ; 03-3538-3909

**COMPOSITION / INFORMATION ON INGREDIENTS**

WRITING INK SUBSTANCE / MIXTURE	CAS No.	MIXTURE weight %
Triethanolamine	102-71-6	5.0 (except -G) 2.0 (-G)
<input type="checkbox"/> Etylene Glycol	107-21-1	20.0

UN CLASS ; Not applicable  
 UN No. ; Not applicable

**HAZARDS IDENTIFICATION****WRITING INK**

CLASS NAME OF HAZARDOUS CHEMICALS FOR MSDS IN JAPAN  
; Not applicable

**WRITING INSTRUMENT**

; Follow the local law and regulations in your country.

**FIRST-AID MEASURES****WRITING INK**

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

**FIRE-FIGHTING MEASURES****WRITING INK**

EXTINGUISHING MEDIA  
; Not classed as flammable.  
In case of fire , use water spray , foam , dry chemical powder or carbon dioxide.  
Writing Ink Names ;G1-B,-L,-R,-G, Date 8.3.2001 P2/3

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

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

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**□□ HANDLING □ STORAGE**

**□ HANDLING  
WRITING INK**

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

**□ STORAGE  
WRITING INK**

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

**WRITING INSTRUMENT**

country. ; Follow the local law and regulations in your

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**□□ 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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**□□ PHYSICAL □ CHEMICAL PROPERTIES**

**WRITING INK**

- PHYSICAL STATE , FORM ; Viscosity liquid
- COLOR ; Black, Red, Blue, Green
- PH ; 8.5~9.2
- FLASH POINT ; Boils without flashing
- EXPLOSIVE PROPERTIES ; Not applicable
- DENSITY ; 1.10~1.12 (at 20□)
- SOLUBILITY IN WATER ; Soluble

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Writing Ink Names ;□G1-B,-L,-R,-G, Date 8.3.2001 P3/3

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**10 □ STABILITY □ REACTIVITY**

**WRITING INK**

- STABILITY
- REACTIVITY WITH WATER ; Stable
- OXIDIZIBILITY ; Stable
- SELF-REACTIVITY ; Stable

**□ STABILITY □ REACTIVITY**

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

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**11 TOXICOLOGICAL INFORMATION**

**WRITING INK**

- ACUTE TOXICITY ; Triethanolamine LD50 8,680mg/kg (rat)
- Ethylene Glycol LD50 4,700mg/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.