

# SAFETY DATA SHEET

Date of Issue: January 1, 2025

SDS No.: AP-024

Version: 002



## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

This product is a writing instrument to be recognized as Article.

This SDS is prepared regarding ink contained in an Article.

### 1.1. Product identifier.

Product name : B2P(Gel)

Product code : BL-B2P-5-B/R/L/G-BG  
BL-B2P-7-B/R/L/G-BG  
BLS-G2-5-B/R/L/G  
BLS-G2-7-B/R/L/G

Mixture name : B2P(Gel)-B/R/L/G

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Ink for writing instrument

### 1.3. Details of the supplier of the safety data sheet

Name of manufacture / supplier : PILOT CORPORATION

Address : 6-21, Kyobashi 2-chome, Chuo-ku, Tokyo 104-8304 Japan

Telephone number : 03-3538-3700  
Working hours (from 09.00am to 05.30pm: Japanese time)

Facsimile number : 03-3538-3909

E-mail address : international@pilot.co.jp

## 2. HAZARDS IDENTIFICATION

### 2.1. GHS Classification of the substance or mixture

#### Health hazards

Skin corrosion/irritation : Category 2 (Excluding Blue)

Eye damage/irritation : Category 2

Sensitization – skin : Category 1

### 2.2. GHS label elements

#### Hazard pictograms



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Signal word : Warning

#### Hazard statements

H315 : Causes skin irritation (Excluding Blue)

H319 : Causes serious eye irritation

H317 : May cause an allergic skin reaction

## Precautionary statements

## Prevention

P264	: Wash hands and face thoroughly after handling.
P280	: Wear protective gloves/eye protection/face protection.
P261	: Avoid breathing mist/vapours.
P272	: Contaminated work clothing should not be allowed out of the workplace.

## Response

P302+P352	: IF ON SKIN: Wash with plenty of soap and water.
P321	: Specific treatment(see ... on this label)
P332+P317	:If skin irritation occurs : Get medical help.
P362+P364	: Take off contaminated clothing and wash it before reuse.
P305+P351+P338	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P317	: If eye irritation persists: Get medical help.
P333+P317	: If skin irritation or rash occurs: Get medical help.

## Disposal

P501	: Dispose of contents/container in accordance with local/regional/national/international regulations.
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## 2.3. Other hazards

: None

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Substance or mixture : Mixture

## Ingredients and composition

Ingredients	CAS No.	% Weight	Classification	Component
Ethylene glycol	107-21-1	20	Acute Tox.4 H302	All Colors
Triethanolamine	102-71-6	1.5-5.0	Skin Irrit. 2 H315 Eye Irrit. 2 H319 Skin Sens. 1 H317	All Colors
Surfactant	Non Public	0.5-1.0	Skin Irrit. 1 H314 Eye Irrit. 1 H318	All Colors
Coloring materials	Trade secret	5-8	Not Classified	All Colors
Others	Trade secret	remnant	Not Classified	All Colors

H302: Harmful if swallowed

H318: Causes serious eye damage

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#### 4. FIRST AID MEASURES

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## 4.1. Description of first aid measures

Inhalation : Remove subject to ventilated fresh air. Consult physician if necessary.

Ingestion : Refer for medical attention.

Skin contact : Wash the affected area under tepid running water using a mild soap.  
And refer for medical attention if irritation continues.Eye contact : Gently rinse the affected eyes with clean water for at 15 minutes.  
And refer for medical attention if irritation continues.

First aid facilities : Ensure eyewash and water service are available.

## 4.2. Most important symptoms and effects, both acute and delayed

There is no specific antidote. Treat symptoms.

## 4.3. Indication of any immediate medical attention and special treatment needed

In case of skin or eye contamination treat as under First Aid Measures.

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#### 5. FIRE-FIGHTING MEASURES

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5.1. Extinguishing media : In case of fire, use water spray, foam, dry, chemical powder  
or carbon dioxide.5.2. Special hazards arising from : CO<sub>2</sub>, CO, NO<sub>x</sub>, and SO<sub>x</sub>, is produced after combustion.  
the substance or mixture

5.3. Advice for firefighters :None.

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#### 6. ACCIDENTAL RELEASE MEASURES

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## 6.1. Personal precautions, protective equipment and emergency procedures

: Use proper ventilation. Use eye and skin protection.

## 6.2. Environmental precautions

: Do not dispose of waste to the sewer.

## 6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections :None

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#### 7. HANDLING AND STORAGE

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## 7.1. Precautions for safe handling

: Avoid rough handling or dropping.

Wear protective gloves / protective clothing /eye protection / face protection.

## 7.2. Conditions for safe storage, including any incompatibilities

: Store in a dry, cool, well-ventilated location.

## 7.3. Specific end use(s)

: Not use it except the ink for writing instruments.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

## 8.1. Control parameters

	ACGIH	
	Limit value - Eight hours	Limit value - Short term
Ethylene glycol	20ppm	40ppm
Triethanolamine	5 mg/m <sup>3</sup>	—

## 8.2. Exposure controls

:Wear protective gloves / protective clothing /eye protection / face protection.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

## 9.1. Information on basic physical and chemical properties

(a) Appearance	: Viscous liquid 〈Color〉 Black , Red , Blue, Green
(b) Odor	: Slight characteristic.
(c) Odor threshold	: No data
(d) PH	: 8-10
(e) Melting point / Freezing point	: No data
(f) Boiling point / boiling range	: About 100 degrees Celsius.
(g) Flash point	: Not applicable
(h) Evaporation rate	: No data.
(i) Flammability (solid, gas)	: None.
(j) Upper/lower flammability or explosive limits	: None.
(k) Vapor pressure	: No data.
(l) Vapor density	: No data.
(m) Relative density	: 1.10-1.12 (at 20 degrees Celsius)
(n) Solubility(ies)	: Soluble in water
(o) Partition coefficient: n-octanol / water	: Not available.
(p) Auto-ignition temperature	: Not Auto-ignition
(q) Decomposition temperature	: No data.
(r) Viscosity	: <2,000 mPa.s (1.9 s <sup>-1</sup> ;at 20 degrees Celsius)
(s) Explosive properties	: No data.
(t) Oxidising properties	: No data.
9.2. Other infomation	: None

**10. STABILITY AND REACTIVITY**

10.1. Reactivity	: This material is stable.
10.2. Chemical stability	: This material is stable.
10.3. Possibility of hazardous reactions	: This material is stable.
10.4. Conditions to avoid	: No data
10.5. Incompatible materials	: No data.
10.6. Hazardous decomposition products	: No data.

**11. TOXICOLOGICAL INFORMATION**

Mixture: No data

11.1. Information on toxicological effects		
(a) acute toxicity	Ethylene glycol	Category 4 LD50 Oral-rat-4,700mg/kg
(b) skin corrosion/ irritation	Surfactant	Category 1
	Triethanolamine	Category 2
(c) serious eye damage/ irritation	Surfactant	Category 1
	Triethanolamine	Category 2
(d) respiratory or skin sensitization	Triethanolamine	Category 1
(e) germ cell mutagenicity	No data available	
(f) carcinogenicity	No data available	
(g) reproductive toxicity	No data available	
(h) STOT-single exposure	No data available	
(i) STOT-repeated exposure	No data available	
(j) aspiration hazard	No data available	

**12. ECOLOGICAL INFORMATION**

Mixture: No data

12.1. Toxicity	No data available	
12.2. Persistence and degradability	No data available	
12.3. Bioaccumulative potential	No data available	
12.4. Mobility in soil	No data available	
12.5. Results of PBT and vPvB assessment	No data available	
12.6. Other adverse effects		

**13. DISPOSAL CONSIDERATIONS**

13.1. Waste treatment methods

- Follow all regulations in your country.

**14. TRANSPORT INFORMATION**

14.1. UN number	: Not applicable.
14.2. UN proper shipping name	: Not applicable.
14.3. Transport hazard class(es)	: Not applicable.
14.4. Packing group	: Not applicable.
14.5. Environmental hazards	: Not applicable.
14.6. Special precautions for user	: Not applicable.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	: Not applicable.

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**15. REGULATORY INFORMATION**

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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- Follow all regulations in your country.

15.2. Chemical safety assessment

- No data

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**16. OTHER INFORMATION**

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International GHS conformity.

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.

End of SDS