

SAFETY DATA SHEET

20881-XXXX

Date of Issue: August 10, 2017

SDS No.: AP-009

Version: 001



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

For ink unless otherwise specified.

1.1. Product identifier.

Product name : Parallel Pen/Refills

Product code : IC-P3-AST-A
: IC-P3-S6-B/BB/R/G/V/P/TQ-A

Mixture name : Parallel Pen/Refills-B/BB/R/G/V/P/TQ

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 : PILOT CORPORATION
/ supplier

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.

Not Classified

2.2. GHS label elements

Not Classified

2.3. Other hazards

None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance or mixture : Mixture

Ingredients and composition

Ingredients	CAS No.	% Weight	Classification	Component
Diethylene glycol	111-46-6	9.0	Acute Tox.4 H302	All Colors
Coloring materials	Trade secret	2.0-8.0	Not Classified	All Colors
Others	Trade secret	remnant	Not Classified	All Colors

H302: Harmful if swallowed

4. FIRST AID MEASURES

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

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

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

There is no specific antidote. Treat symptoms.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Not classed as flammable.

In case of fire, use water spray, foam, dry,chemical powder or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

CO₂, CO, NO_x, and SO_x, is produced after combustion.

5.3. Advice for firefighters

Not required.

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid rough handling or dropping.

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

- No data

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	Liquid 〈Color〉 Black,Blue Black,Red,Green,Violet,Pink,Turquoise
(b) Odour	Slight characteristic.
(c) Odour threshold	No data.
(d) PH	8.0-10.0
(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	1.05-1.15 (at 20 degrees Celsius)
(n) Solubility(ies)	Not allocated.
(o) Partition coefficient: n-octanol / water	Not available.
(p) Auto-ignition temperature	Not Auto-ignition
(q) Decomposition temperature	No data.
(r) Viscosity	< 3.0mPa.s(380sec ⁻¹ at 20 degree Celsius)
(s) Explosive properties	No data.
(t) Oxidising properties	None.
9.2. Other information : 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	Diethylene glycol	LD50 Oral-rat-12,565mg/kg
(b) skin corrosion/ irritation	No data available	
(c) serious eye damage/ irritation	No data available	
(d) respiratory or skin sensitisation	No data available	
(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	No data available

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. |

15. REGULATORY INFORMATION

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

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