

# SAFETY DATA SHEET

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SDS No.: RP-086  
Version: 001



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

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

### 1.1. Identification of the substance or mixture

Product name : Acroball(White barrel)  
Product code : BAB15M-WB/WRR/WLL/WEGG/WSLLB/WPP/WOO/WPUV-BG  
BRFV-10M- B/R/L/G/V/P/O/LB  
Mixture name : Acroball-B/R/L/G/V/P/O/LB

### 1.2. Use of the mixture : Ink for writing instrument

### 1.3. Company identification e-mail address

Name of manufacture / supplier : PILOT CORPORATION OF EUROPE  
Address : PAE de la Caille 74350 ALLONZIER-LA-CAILLE (France)  
Telephone number : +33 (0)4 50 08 33 00  
Working hours (from 8.30am to 12.30pm and from 01.30pm to 05.30pm  
:04.00pm on Friday-French time)  
Facsimile number : +33 (0)4 50 46 43 59  
e-mail address : pilotfrance@piloteurope.com

### 1.4. Emergency telephone number : +33 (0)1 45 42 59 59

Association /Organization :ORFILA /INRS <http://www.centres-antipoison.net>

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## 2. HAZARDS IDENTIFICATION

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Based on the law and regulation in Japan

Physical /Chemical hazards : Not applicable.

Environmental hazards : Not applicable.

Effect of exposure : Not applicable.

Symptom of exposure

Inhalation : Intentional exposure to ink vapors may cause respiratory irritation.

Ingestion : May cause upset stomach.

Skin contact : Ink contact with skin may cause irritation, swelling, or redness.  
It is not expected to cause an allergic skin reaction.

Eye contact : Ink contact with eye may be mildly irritating.

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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Based on the law and regulation in Japan

For ink unless otherwise specified

Ingredients	CAS Number	EINECS Number	Weight %	Component
Carbon Black	1333-86-4	215-609-9	Non-disclosure	B
Copper and its compounds	Non-disclosure	Non-disclosure	Non-disclosure	G, LB

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### 4. FIRST AID MEASURES

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- 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.
- Medical attention
- Local contamination  
: In case of skin or eye contamination treat as under First Aid Measures.
- Systemic poisoning  
: There is no specific antidote. Treat symptoms.

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### 5. FIRE-FIGHTING MEASURES

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- 5.1 Suitable extinguishing media : Not classed as flammable.  
In case of fire, use water spray, foam, dry, chemical powder or carbon dioxide.
- 5.2 Extinguishing media which shall not be used for safety. : None.
- 5.3 Special exposure hazards arising from the substance or mixture itself, combustion products : CO<sub>2</sub>, CO, NO<sub>x</sub>, and SO<sub>x</sub>, is produced after combustion.
- 5.4 Special protective equipment for fire-fighters. : Not required.
- 5.5 Additional information :None.

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### 6. ACCIDENTAL RELEASE MEASURES

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- 6.1 Personal precautions : Use proper ventilation. Use eye and skin protection.
- 6.2 Environmental precautions : Do not dispose of waste to the sewer.
- 6.3 Methods for cleaning up : Absorb spill with material (cloth or paper), then place in a chemical waste containers.
- 6.4 Additional information :None.

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### 7. HANDLING AND STORAGE

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- 7.1. Handling : Avoid rough handling or dropping.
- 7.1.1 Protective measures : Not required in normal use.
- 7.1.2 Measures to prevent aerosol and dust generation : Not required in normal use.
- 7.1.3 Measures required to protect the environment : Not required in normal use.

7.1.4 Specific requirements or handling rules : None.

7.1.5 Precautions against fire and explosion : Not required in normal use.

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

7.3. Specific use(s) : Not use it except the ink for writing instruments.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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8.1. Exposure limit values : Not available.

8.1.1 Occupational exposure controls. : Not available.

8.1.2 Biological limit values. : Not available.

8.1.3 DNEL and PNEC-value(s) as applicable : No data.

8.2. Exposure controls

8.2.1. Occupational exposure controls

a) Respiratory protection : Not required in normal use

b) Hand protection : Not required in normal use

c) Eye protection : Not required in normal use

d) Skin protection : Not required in normal use

8.2.2. Environmental exposure controls : No data.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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For ink unless otherwise specified

9.1. General information

Appearance : Viscosity liquid

⟨Color⟩ Black , Red , Blue , Green , Violet , Pink , Orange , Light Blue

Odor : Slight characteristic.

9.2. Important health, safety and environmental information

PH : No data.

Boiling point / boiling range : No data.

Flash point : 110 degrees Celsius.

Flammability (solid, gas) : None.

Explosive properties : None.

Oxidizing properties : None.

Vapor pressure : No data.

Relative density : 1.1 (at 20 degrees Celsius)

Solubility : Not allocated.

Water solubility : Insoluble.

Partition coefficient: n-octanol / water : Not available.

Viscosity : 1,500-3,500mPa·s (17S<sup>-1</sup> :at 20 degrees Celsius)

Vapor density : No data.

Evaporation rate : No data.

9.3. Other information : None.

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**10. STABILITY AND REACTIVITY**

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- 10.1. Conditions to avoid : This material is stable.  
10.2. Materials to avoid : This material is stable.  
10.3. Hazardous decomposition products : No data.

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**11. TOXICOLOGICAL INFORMATION**

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For ink unless otherwise specified

- 11.1 Toxicokinetics, metabolism and distribution : No data.  
11.2 Acute effects (acute toxicity, irritation and corrosivity) : No data.  
11.3 Sensitization : No data.  
11.4 Repeated dose toxicity : No data.  
11.5 CMR (carcinogenicity, mutagenicity, and toxicity for reproduction) : No data.

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**12. ECOLOGICAL INFORMATION**

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- 12.1. Ecotoxicity : No data.  
12.2. Mobility : No data.  
12.3. Persistence and degradability : No data.  
12.4. Bioaccumulative potential : No data.  
12.5. Results of PBT assessment : No data.  
12.6. Other adverse effects : None.

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**13. DISPOSAL CONSIDERATIONS**

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- Follow all regulations in your country.
- Not hazardous waste.

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**14. TRANSPORT INFORMATION**

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- 14.1.1 UN number : Not applicable.  
14.1.2 Class : Not applicable.  
14.2.1 Proper shipping name : Not applicable.  
14.3.1 Packing group : Not applicable.  
14.4.1 Marine pollutant : Not applicable.  
14.5.1 Other applicable information : None.

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**15. REGULATORY INFORMATION**

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Follow all regulations in your country

**The law and regulation in Japan**

Occupational Safety and Health Act (The 57th 2)

government ordinance number 130 : Carbon Black

government ordinance number 379 : Copper and its compounds

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**16. OTHER INFORMATION**

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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.