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SAFETY DATA SHEET

SDS Reference No: 0495001 B (MW1) Date Prepared/Revised: April 1995

Supersedes SDS No: 0694001 (MW1) Date issued:

1. SUBSTANCE/PREPARATION TRADE NAME:

BIC CRYSTAL BALL POINT PEN (MW1) and INK

Reference number: 0495001 B (MW1)

Company details:

BIRO BIC LIMITED	Tel: 0181 965 4060
Whitby Avenue	
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NW10 7SG	Fax: 0181 453 1128

2. COMPOSITION / INFORMATION ON INGREDIENTS

Classified as a 'Preparation'.

3. HAZARDS IDENTIFICATION LOW HAZARD

The most important hazards are: Staining

4. FIRST AID MEASURES

Immediate medical attention required?No

Professional assistance from physician required? Y/N.....No

Summary of first aid is as follows:

Inhalation: n/a

Skin contact: Wash affected areas with soap and water. Ignore slight staining

Eye contact: Rinse with copious amounts of water. If distress is felt, seek medical advice

Ingestion: If distress is felt, seek medical advice for treatment of symptoms



5 **FIRE FIGHTING MEASURES**

Suitable extinguishing media: Carbon Dioxide, Powder, Water, Foam, Sand

Unsuitable extinguishing media: None known

Special exposure hazards in fire:
PLASTIC: Smoke, Carbon monoxide, oxides of nitrogen,
Pen components made from Polystyrene
and Polypropylene. In large quantities may cause smoke

Products of combustion: Smoke, CO, Carbon Dioxide, Oxides of Nitrogen

Required special protective equipment for fire fighters:
For large quantities, respiratory equipment

6. **ACCIDENTAL RELEASE MEASURES**

Personal precautions: For spillages use gloves to prevent staining.
Wash hands before eating.

Environmental precautions: Wipe with cloths and dispose of as domestic refuse

Methods for cleaning: Wash surfaces with soap and water

7. **HANDLING AND STORAGE**

Handling: For spillage of ink, use gloves and wipe with cloths
which are to be discarded.

Storage: No special precautions. Wash hands before eating.

8. **EXPOSURE CONTROLS**

Take measures to prevent: None known

Exposure control limits, and source: None required in normal usage

Respiratory protection: None required in normal usage

Hand protection: None required in normal use

Skin protection: None required in normal use

Eye protection: None required in normal use

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Plastic barrel with metal writing point and refill containing a viscous liquid ink in black only.

Odour: Slightly aromatic

pH: Measurable in a special water-glycol mixture 8.9 ± 0.5

Boiling point/boiling point range: $>200^{\circ}\text{C}$

Melting point/melting point range: $< 0^{\circ}\text{C}$

Flashpoint ($^{\circ}\text{C}$) Open/Closed cup: $\geq 101^{\circ}\text{C}$

Flammability (gas/solid): Not known

Autoflammability: Not known

Explosive properties: Not known

Oxidising properties: Not known

Vapour pressure: At 20°C non determinable

Relative density: 1.12 ± 0.01

Solubility (water and fat): Indissoluble in water

Other: Viscosity 18500m Pas \pm Pasty

10. STABILITY AND REACTIVITY :-

Conditions to avoid: None known

Materials to avoid: None known

Hazardous decomposition products: n/a

11. TOXICOLOGICAL INFORMATION

Essentially non toxic

No harming results if applications are appropriate

12. **ECOLOGICAL INFORMATION**

Possible effects: None known

Behaviour: n/a

13. **DISPOSAL CONSIDERATIONS**

Likely residues/waste products (if any): No special precautions

Safe handling of any residues/waste product: No special precautions

14. **TRANSPORT INFORMATION**

Special carriage precautions in carriage (on-site or externally):
No special precautions

15. **REGULATORY INFORMATION**

Label information: No special requirements

Applicable EU provisions and associated U K legislation:

NOTE: THIS DATA SHEET DOES NOT CONSTITUTE A USER'S ASSESSMENT OF WORKPLACE RISK AS REQUIRED BY HSW ACT, COSHH, MANAGEMENT OF HEALTH AND SAFETY AT WORK REGULATIONS, OR OTHER HEALTH AND SAFETY LEGISLATION

16. **OTHER INFORMATION**

Training advice: None

Recommended uses and restrictions: None

Further information sources: n/a

Sources of key data used to compile Safety Data Sheet: n/a

Other: None

The data contained in this Safety Data Sheet has been supplied as required by the Chemicals (Hazard Identification and Packaging) Regulations 1993, as amended, for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.
