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SAFETY DATA SHEET

SDS Reference No: 0694019

Date Prepared/Revised: June 1994

Supersedes SDS No: 129323

Date issued:.....

1. SUBSTANCE/PREPARATION TRADE NAME:**BIC SOFT FEEL RETRACTABLE BALL POINT PEN**

Unique Reference number(s): 0694019

Company name, address and telephone number:

BIRO BIC LIMITED	Tel: 0181 965 4060
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Substance? Y/N; if "Y" then substance name.....NO

Bic Blue and Bic Black Ink

3. HAZARDS IDENTIFICATION :- LOW

The most important hazards are: STAINING

4. FIRST AID MEASURES

Immediate medical attention required? Y/N.....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: Irrigate with clean water and obtain medical attention

Ingestion: If distress is felt, seek medical advice (S44)



5 FIRE FIGHTING MEASURES

Suitable extinguishing media: Water, Foam, Carbon Dioxide

Unsuitable extinguishing media: None known

Special exposure hazards in fire: For Ink - No FIRE hazards known

Plastic pen component made from Polystyrene and Polypropylene and coated with Monprene, a Thermoplastic Elastomer may cause smoke in large quantities.
PRODUCTS OF COMBUSTION: - Smoke, Carbon Dioxide, CO, Oxides of Nitrogen

Required special protective equipment for fire fighters:

Respiratory equipment required for large quantities

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: No special precautions

Storage: No special precautions

8. EXPOSURE CONTROLS

Take measures to prevent: None known

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

Respiratory protection: None required in normal use

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 component coated with a thermoplastic elastomer with brass and tungsten carbide writing point, containing either blue or black viscous liquid ink

Odour: Slight organic smell

pH: 7.0 ± 1.0

Boiling point/boiling point range: >200 deg Centigrade

Melting point/melting point range: Viscous liquid >0 degrees Centigrade

Flashpoint (degrees C) >96 degrees Centigrade Closed Cup
Open/Closed Cup:

Flammability (gas/solid): Not known

Autoflammability: Not known

Explosive properties: Not known

Oxidising properties: Not known

Vapour pressure: 0.1mm Hg at 20 degrees Centigrade

Relative density: 1.11 ± 0.05

Solubility (water and fat): Partial

Other:

10. **STABILITY AND REACTIVITY** :- STABLE

Conditions to avoid: None known

Materials to avoid: None known

Hazardous decomposition products: N/A

11. **TOXICOLOGICAL INFORMATION**

Concise description of toxicological properties follows, including any special health effects of constituents:

LD50 $> 4\text{gm/Kg}$

No harming results if applications are appropriate

12. **ECOLOGICAL INFORMATION**

Possible effects: None known

Behaviour: None known

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:

NONE

Note: Actual label may not be as above if product was supplied some time previously or labelling is in transition period.

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: None

Sources of key data used to compile Safety Data Sheet:

Other:

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.
