

Pentel MATERIAL SAFETY DATA SHEET

Issue No: W1-BL17/BLN15/RL18001-01-E Issue Date: 28 Jan 2002

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name: EnerGEL range of products

Product Code: **BL17 (0.7mm Metal Tip - Fine Point):**
A – Black; B - Red; C - Blue.

BLN15 (0.5mm Needle Tip – Extra Fine Point):
A-Black; B-Red; C-Blue.

RL18 (0.8mm Cushion Ball Tip):
A-Black; B-Red; C-Blue.

Company Name: Pentel (Stationery) Ltd
Address: Hunts Rise, South Marston Park, Swindon, SN3 4TW, Wilts
Tel No: 01793 823333

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Concentration</u>	<u>CAS No</u>
Ethylene Glycol	9.7%	107-21-1
Diethylene Glycol	7.3%	111-46-6
Glycerol	7.3%	56-81-5

3. HAZARDS IDENTIFICATION

Emergency Overview: N/A

Hazards:

Health Effects: Causes slight irritations to skin and eyes.
Environmental Effects: N/A
Physical/Chemical: N/A
Specific Hazards: N/A

4. FIRST AID MEASURES

Inhalation:	N/A.
Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
Skin Contact:	Immediately wash skin with soap and plenty of water. Remove contaminated clothing. See medical attention if symptoms occur. Wash clothing before re-use.
Ingestion:	Give victim a glass of water or milk. If swallowed, do not induce vomiting. Seek medical attention if symptoms occur.

5. FIRE FIGHTING MEASURES

Fire Fighting Method:	No flammable liquid.
Extinguishing Media:	N/A

6. ACCIDENTAL RELEASE MEASURES

Land Spill:	Absorb liquid and scrub the area with detergent and water.
Water Spill:	N/A

7. HANDLING & STORAGE

Handling:	Keep away from sources of ignition, heat and direct sunlight.
Storage:	Store away from sources of ignition, heat and direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls:	No special controls are needed for normal use.
-----------------------	--

Personal Protective Equipment:

Eyes:	No special equipment is needed.
Skin:	No special equipment is needed.
Respiratory:	No special equipment is needed.

Exposure Guideline:	N/A
---------------------	-----

9. PHYSICAL & CHEMICAL PROPERTIES

Physical State:	Liquid (ink)
Appearance:	Ballpoint Pen
Colour:	Black, Red, Blue
Odour:	None
PH:	N/A
Boiling Point:	N/A
Melting Point:	N/A
Vapour Pressure:	h
Vapour Density:	N/A
Solubility in Water:	Soluble
Viscosity:	N/A

10. STABILITY & REACTIVITY

Chemical Stability: Stable at room temperature.
Conditions to Avoid: Avoid temperatures above 40° C. Store away from sources of ignition, heat and direct sunlight.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: N/A
Eye Effects: N/A
Skin Effects: N/A
Chronic Effects: N/A
Carcinogenicity: N/A

12. ECOLOGICAL INFORMATION

N/A

13. DISPOSAL CONSIDERATIONS

Comply with national and local regulations. Do not dump this material into sewers, on the ground or into any body of water.

14. TRANSPORT INFORMATION

Comply with national and local regulations. See section 7 above – “Handling & Storage”

15. REGULATORY INFORMATION

None

16. OTHER INFORMATION

None

This Material Safety Data Sheet is produced from information supplied by Pentel Co Ltd, 7-2 Koami-cho, Nihonbashi Chuo-Ku, Tokyo, Japan.

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of Pentel Co Ltd and Pentel (Stationery) Ltd. It relates only to the specific material designated herein, and does not relate to use in combination with any other material or in any process. Pentel Co Ltd, Tokyo and Pentel (Stationery) Ltd, Swindon assume no legal responsibility for use of or reliance upon this information.