



# MATERIAL SAFETY DATA SHEET

Issue No:

SI-S5200000-01-E

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## 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name: Sign Pen

Product Code: **S520 – A, B, C, D, E, F, N, P, S, V, Y**

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	28.0%	107-21-1
Diethylene Glycol	14.0%	111-46-6
Thiodiglycol	7.0%	111-48-8

## 3. HAZARDS IDENTIFICATION

Emergency Overview: N/A

### Hazards:

Health Effects: Causes slight irritations to 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: Fibre Tip Pen  
Colour: Black, Red, Blue, Green, Brown, Orange, Yellow, Grey, Pink, Sky Blue, Violet, Yellow, Ochre  
Odour: None  
PH: N/A  
Boiling Point: N/A  
Melting Point: N/A  
Vapour Pressure: N/A  
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

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