



# MATERIAL SAFETY DATA SHEET

Issue No: Q1-F500000-01-E

Issue Date: 15 March 2001

## 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Felt Pen (Permanent Marker)

**Product Code:** **F50-A (Black)**      **F50-B (Red)**      **F50-C (Blue)**  
**F50-D (Green)**      **F50-E (Brown)**      **F50-F (Orange)**  
**F50-G (Yellow)**      **F50-V (Violet)**

**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>
Xylene	45-71%	1330-20-7
Isobutyl Alcohol <sup>(1)</sup>	3-15%	78-83-1
Ethylene Glycol Monoethyl Ether	6-15%	110-80-5
CI Solvent Blue 5 <sup>(2)</sup>	0.4-2.5%	1325-86-6

(1) Used only for F50-A/B/D/E/F/G/V

(2) Used only for F50-C/V

## 3. HAZARDS IDENTIFICATION

**Emergency Overview:** Flammable liquid. Intentional misuse by deliberately inhaling the contents can be harmful or fatal.

### Hazards:

Health Effects: N/A

Environmental Effects: N/A

Physical/Chemical: N/A

Specific Hazards: N/A

## 4. FIRST AID MEASURES

**Inhalation:** Remove from source and seek medical attention.

**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. Seek medical attention if symptoms occur. Wash clothing before re-use.

**Ingestion:** Immediately wash mouth with plenty of water. If swallowed, do not induce vomiting. Seek medical attention if symptoms occur.

## **5. FIRE FIGHTING MEASURES**

Fire Fighting Method: Use following extinguishing media.  
Extinguishing Media: Carbon dioxide, dry chemical, form chemical

## **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.  
Direct sources of heat must be avoided.  
Storage: Store in a moderately cool, dry and well ventilated area. 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  
Appearance: Pen (permanent and waterproof marker)  
Colour: 8 colours (black,red,blue,green,brown,orange,yellow,violet)  
Odour: Distinctive smell  
PH: N/A  
Boiling Point: N/A  
Melting Point: N/A  
Vapour Pressure: N/A  
Vapour Density: N/A  
Solubility in Water: Insoluble  
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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