

Spicers Product Code: 016506/016514/016522

Spicers Product Code: 016530/233838/233846

Spicers Product Code: 233854/233862/018078

Spicers Product Code: 117948/018086/117956

Pentel

SAFETY DATA SHEET

Spicers Product Code: 23396X

DATE PREPARED:

9 DECEMBER 1994

Spicers Code Nos: 016506 / 016514 / 016522 / 016530 / 233838 / 233846 / 233854 /
233862 / 018078 / 117948 / 018086 / 117956 / 23396X

1. Identification of the substance/preparation and company:

2.

Substance or preparation trade name:	Permanent Markers
Unique reference numbers:	N50 / N60
Company Name:	Pentel (Stationery) Ltd
Company Address:	Hunts Rise South Marston Park Swindon, Wilts SN3 4TW
Tel:	01793 823333
Fax:	01793 823366
Emergency Tel No:	01793 823333

3. Composition/information on ingredients:

A.	Substance Name:	Xylene
	CAS No:	1330-20-7
	EC Index No:	N/D
	EEC No:	N/D
	Chemical Formula:	C ₆ H ₄ (CH ₃) ₂
B.	Substance Name:	Iso-Butyl-Alcohol
	CAS No:	110-49-6
	EC Index No:	N/D
	EEC No:	N/D
	Chemical Formula:	(CH ₃) ₂ CHCH ₂ OH

C. Substance Name: Ethylene-Glycol-Menophenyl-Ether
CAS No: 101-84-8
EC Index No: N/D
EEC No: N/D
Chemical Formula: (C6H5)20

4. Hazards Identification:

The most important hazards are: N/D

4. First Aid Measures:

Immediate medical attention required: No

Professional assistance from physician required: No

Summary of First Aid is as follows:

Inhalation: Remove from exposure, rest and keep warm, in severe cases obtain medical attention.

Skin contact: Wash off skin thoroughly with soapy water, remove contaminated clothing and wash before re-use. In severe cases, obtain medical attention.

Eye contact: Irrigate thoroughly with water for at least 10 minutes. If discomfort persists obtain medical attention.

Ingestion: Wash out mouth thoroughly with water and give plenty of water to drink. Do not induce vomiting. Obtain medical attention.

5. Fire Fighting Measures:

Suitable extinguishing media:	Powder, foam, CO2
Unsuitable extinguishing media:	N/D
Special exposure hazards in fire:	May explode in fire
Required special protective equipment for fire fighters:	Normal protective clothing.

6. Accidental Release Measures

Personal precautions:	Gloves and good ventilation.
Environmental precautions:	Limit spread
Methods for cleaning:	Clean up immediately with cloth absorbed in alcohol

7. Handling & Storage

Handling:	Normal consideration
Storage:	Cool & dry and away from sources of ignition.

8. Exposure Controls:

Hand protection:	None
Skin protection:	None
Eye protection:	None

9. Physical & Chemical Properties

Appearance:	Viscous liquid as ink colour		
Odour:	Strong aromatic odour		
PH Balance:	N/D		
Boiling Point:	A: 138°C	B: 107°C	C: 258°C
Melting Point:	A: -65°C	B: 107°C	C: 27°C
Flashpoint:	A: 27°C	B: 27°C	C: 115°C
Flammability	A: N/D	B: N/D	C: N/D
Autoflammability: A.	N/D B:	N/D C:	N/D
Explosive Properties:	A. N/D	B: N/D	C: N/D
Oxidising Properties:	A. N/D	B: N/D	C: N/D
Vapour Pressure: A:	7mmHG	B: 8.8mmHG	C: 0.9
Relative Density (Air = 1):	A. N/D	B: N/D	C: N/D
Solubility	A. N/D	B: N/D	C: N/D
Other:	N/A		

10. Stability & Reactivity:

Materials to avoid: Strong oxidisers

Hazardous decomposition products: N/D

11. Toxicological Information:

LD50: A: 4300 mg/kg B: N/D C: N/D

12. Ecological Information:

Behaviour: N/D

Environmental fate: N/D

13. Disposal Considerations:

Likely residues/waste product (if any): N/D

Safe handling of any residues/
waste product: Normal precautions

14. Transport Information:

Special carriage precautions
(on site or externally): Normal precautions

Classification data: N/D

15. Regulatory Information:

Label Information: None

Application EU provisions and associated UK legislation: N/D

16. Other Information:

Recommended uses and restrictions: N/A

Further information sources: Pentel (Stationery) Ltd
Hunts Rise, South Marston Park,
Swindon, Wiltshire, SN3 4TW

Sources of key data used to compile Original data sheet
Safety Data Sheet: Safechem Data Base

Other: N/A

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.
