

Safety Data Sheet (SDS)

Preparation Date 2012/11/30

Section 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	Pentel Rolling Writer Roller Ball Capped Pen
Product Code	R100-A Black, R100-B Red, R100-C Blue, R100-D Green, R100-V Violet Pens
Company Name	PENTEL CO., LTD.
Address	7-2,KOAMICHO,NIHONBASHI,CHUO-KU,TOKYO
Company Contact	QUALITY ASSURANCE DEPARTMENT I
Phone Number	048-928-6668
Emergency Phone Number	048-928-6668
Fax Number	048-928-9190
Mail Address	hinpo@pentel.co.jp
Recommended Use and Restriction on Use	R100 Pens R100 Roller Ball Pens

Section 2 – HAZARDS IDENTIFICATION

GHS Classification

Health Hazards	Specific target organ toxicity(single exposure) Category 2(respiratory apparatus,heart,kidney,central nervous system) Specific target organ toxicity(repeated exposure) Category 2(central nervous system,respiratory apparatus,heart)
Environmental Hazards	Acute hazards to the aquatic environment Category 3 Chronic hazards to the aquatic environment Category 3 Other hazards than mentioned above are Not applicable or No data available.

GHS Label Elements
Symbols

Signal Word	Warning
Hazard Statements	H371 May cause damage to respiratory apparatus,heart,kidney,central nervous system. H373 May cause damage to respiratory apparatus,heart,central nervous system through prolonged or repeated exposure. H402 Harmful to aquatic life H412 Harmful to aquatic life with long lasting effects
Precautional Statements	
Prevention	Do not breathe mist, vapours and spray.(P260)
Precautionary Statements	Wash hands thoroughly after handling.(P264) Do not eat, drink or smoke when using this product.(P270)

Response Precautionary Statements	Avoid release to the environment.(P273) IF exposed or if you feel unwell: Call a doctor.(P309+P311)
Storage Precautionary Statements	Get medical advice and attention if you feel unwell.(P314) Store locked up.(P405)
Disposal Precautionary Statements	Dispose of contents and container in accordance with local, regional and national regulations (to be specified).(P501)

Section 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Distinction of Substance
or Mixture

mixture

Chemical Name or Generic Name	Concentration or Its Ranges	Formula	ENCs No./ISHL No.		CAS RN
			ENCs No.	ISHL No.	
Ethylene glycol	10%	HOCH ₂ CH 2OH	(2)-230	Existing	107-21-1
o-Phenylenediamine	.4%	C ₆ H ₈ N ₂	(3)-185	Existing	95-54-5

Impurities and/or Stabilizing Additives which Cor No information available

Section 4 – FIRST AID MEASURES

Inhalation

If breathing is difficult, move affected person to
the open air. Keep him or her at rest to allow
easier breathing.
Get medical advice and attention if you feel unwell.

Skin Contact

Wash with soap and plenty of water.
If skin irritation or rash occurs: Get medical
advice and attention.

Eye Contact

Wash eyes carefully for several minutes with
water. Take off contact lenses if easily removed,
and continue to wash eyes afterwards.
When the ocular stimulation lasts, Seek medical
treatment and advice.

Ingestion

Rinse a mouth. Don't make vomit by force.
Get medical advice and attention if you feel unwell.

Section 5 – FIRE FIGHTING MEASURES

Extinguishing Media

Carbon dioxide, dry chemicals, water sprinkling,
and general foam extinguishing agents

Section 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions,
Protective Equipment and
Emergency Procedures
Environmental
Precautions

No information available

Decontamination/Absorpti
on/Sweeping/Vacuming/
Neutralization

Pay attention not to cause the influence on the
environment by discharging into rivers.
This product is water pollutant. Prevent soil
contamination, or the product from flowing into the
drain systems.
Collect the material into a disposal container by
sucking up or sweeping up.

Methods and Equipment
for Containment and
Cleaning up
Prevention Measures for
Secondary Accidents

Absorb spills with inert materials (such as dry sand or soil) and collect them into chemical-waste disposal container.

Cleansing the contaminated area thoroughly with water after removal.

Prevent flowing into drain, sewage, basement, and closed area.

Remove thoroughly since the smooth and slippery surface will be formed on the floor.

Section 7 – HANDLING AND STORAGE

Handling

Technical Measures

Provide ventilation system and Use necessary personal protective equipment as described in "8. EXPOSURE CONTROLS AND PERSONAL

Local and General Ventilation

Provide local ventilations and a full ventilation system as described in "8. EXPOSURE CONTROLS AND PERSONAL PROTECTION."

Precautions for Safe Handling

Avoid the contact with eyes.

Wash hands thoroughly after handling.

Avoid swallowing

Avoid high temperature and direct sunlight.

Prevents Handling of Incompatible Substances or Mixtures

Refer to "10. STABILITY AND REACTIVITY"

Storage Precautionary Statements

Technical Measures

The storage facility should be provided with necessary lighting, lighting equipment, and ventilator to store and handle dangerous goods. Refer to "10. STABILITY AND REACTIVITY"

Incompatible Substances or Mixtures

Storage Conditions

Have containers keep away from direct sunlight and heat.

Keep away from heat.

Store locked up.

Material Used in Packaging/Containers

Packaging materials and containers are not legislated, but use sturdy and closed-type containers.

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

A general proper ventilation is enough to control concentration in air.

Personal Protective Equipment

Respiratory Protection

Use a personal protective apparatus for respiratory organs whenever necessary.

Hand Protection

Use necessary personal protective gloves.

Eye Protection

Use an adequate personal eye protector.

Skin and Body Protection

Use the personal protective clothing and full face mask whenever necessary.

Specific Hygiene Measures

Wash hands thoroughly after handling.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State

liquid

Colour

blue

Odour

odorless

pH

No data available

Initial Boiling Point and Boiling Ranges

No information available

Flash Point	no data available
Auto-Ignition	No information available

Section 10 – STABILITY AND REACTIVITY

Stability	The material is stable under storage and handling conditions comprised with the regulations.
Possibility of Hazardous Reaction	No data available
Conditions to Avoid	No data available
Hazardous Decomposition Products	No data available

Section 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity	No information available
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Section 12 – ECOLOGICAL INFORMATION

Environmental Hazards	No information available
Ecotoxicity	No information available

Section 13 – DISPOSAL CONSIDERATIONS

Residual Waste	For disposal, conform with the standards provided by related laws and local public bodies. Commission the authorized waste disposal company, or a local public body who conducts the disposal, to dispose of the material.
Contaminated Container and Packaging	Recycle containers after cleansing, or carry out the disposal under the related laws and regulations and the standards of the local governments. In case of disposal of empty containers, remove the content thoroughly.

Section 14 – TRANSPORT INFORMATION

International Regulations	Regulatory Information by Sea	Not applicable
	UN No.	Not applicable
	Marine Pollutant	Not applicable
	Regulatory Information by Air	Not applicable
	UN No.	Not applicable
Regulations in Japan	Regulatory Information by Road or Rail	Not applicable
	Regulatory Information by Sea	Not applicable
	UN No.	Not applicable
	Marine Pollutant	Not applicable
	Regulatory Information by Air	Not applicable
	UN No.	Not applicable

Section 15 – REGULATORY INFORMATION

Regulatory information with regard to this product in your country or in your region should be examined by your own responsibility.

Section 16 – OTHER INFORMATION

Information Contact	No information available
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Other Property

This information is furnished without warranty express or implied.

This information is believed to be accurate to the best knowledge of PENTEL Co., Ltd. but not assumes leagal responsibility for use of or reliance upon this information.