

Material Safety Data Sheet

1. Identification of the product and of the company/undertaking:

1.1. Identification of the product:

Pigment Ink, PG-BK

1.2. Company/undertaking identification

Manufacture's name: Roland DG Corporation
Address: 1-6-4 Shinmiyakoda Hamamatsu-shi
Shizuoka 431-2103
JAPAN
Phone: + 81-53-484-1224
Fax: + 81-53-484-1221

2. Composition/information on ingredients

Ingredients:	Water	73-75%
	Pigments	2-4%
	Resin	2-3%
	Organic Solvent	10-13%

3. Hazards identification

No hazardous material presents. (92/32/EEC, 88/379/EEC)

4. First-aid measures

Eye Contact:	In case of contact, immediately flush with plenty of water.
Skin Contact:	In case of contact, wash with enough water.
Inhalation:	No need a special care.
Ingestion:	No need a special care.

5. Fire-fighting measures

Inflammability:	None
Extinguishing media:	Dry Chemical, carbon dioxide.

6. Accidental release measures

If spilt, use sponge to wipe up the ink.
Confine it in a closed container for proper disposal.

7. Handling and storage

Handling: Do not dismantle the cartridge.
Storage: Do not store in a high temperature and high humidity place.

8. Exposure controls/person protection

Exposure standards: None
Engineering controls: Not applicable
Personal protection: Not applicable

9. Physical and chemical properties

Appearance: Black liquid
Odor: No odor
pH: Approximately 9-10
Boiling point: No data available
Melting point: No data available
Flashing point: Above 110°C
Spontaneous Inflammable: None
%Volatile: None
Oxidization: None
Vapor pressure: Not applicable
Specific Gravity (H₂O=1): 1.08
Water Solubility: ∞
Fat Solubility: Not applicable
Viscosity: 3.3 mPa·s

10. Stability and reactivity

Stability: Stable
Hazardous polymerization: Not applicable
Hazardous decomposition products: Not applicable

11. Toxicological information

Acute Hazard:
Ingestion: LD50>2g/Kg
Skin: LD50>2g/Kg
Inhalation: Not applicable
Stimulate:
Skin: None
Eyes: None
Carcinogenicity: None (No ingredients which NTP, IARC Monographs, OSHA Regulations, MAK list, EC67/548/EEC mentioned)

12. Ecological information

Not applicable

13. Disposal considerations

Dispose of in accordance with federal, state and local regulations.

14. Transport information

No hazardous materials present

15. Regulatory information**16. Other information**