

Product Information Sheet

1. Identification of The Substance/Preparation and of The Company/Undertaking

1.1. Identification of the preparation: EPSON ink cartridge T0821

1.2. Use of the substance/preparation: Inkjet Printing

1.3. Company/undertaking identification

Distributor: EPSON AUSTRALIA PTY. LTD.,
A.B.N. 91 002 625 783
3 Talavera Road
NORTH RYDE. NSW 2113
Tel (02) 8899 3666

Contact: Customer Satisfaction Manager

EPSON NZ Ltd
Level 4, Epson House
245 Hobson Street
AUCKLAND. 1001
Tel (09) 366 6855

Contact: National Technical Manager

1.4. Emergency telephone:

2. Hazard Identification

2.1. Emergency Overview:

Ink component is black liquid that may cause eye irritation. Avoid contact with eyes or clothing.
In the case of skin contact, wash with soap and water. Keep out of reach of children.

2.2. Potential Health Effects:

Eyes: Ink contact with eye may be mildly irritating.

Skin: Ink contact with skin may cause irritation, swelling, or redness.

Inhalation: Intentional exposure to ink vapors may cause respiratory irritation.

Ingestion: May cause upset stomach.

3. Composition/Information on Ingredients

This is an aqueous ink formulation

Ink Composition	CAS No.	% By Weight	Risk Phrase
Proprietary dyes and pigments	—	5 – 10 %	—
Proprietary organic materials	—	10 – 15 %	—
Glycerols	—	5 – 10 %	—
Water	7732-18-5	balance	—

4. First Aid Measures

- 4.1. Eyes:** Immediately flush with room temperature, low pressure, and clean water for at least 15 minutes. Seek medical attention if eye irritation continues.
- 4.2. Skin:** Wash surface areas with soap and water. Wash soiled clothing before rewearing. Consult a physician if irritation continues.
- 4.3. Inhalation:** Remove subject to ventilated fresh air. Consult physician if necessary.
- 4.4. Ingestion:** Seek medical advice; and attention if stomach continues to be upset.

5. Fire Fighting Measures

- 5.1. Flammability:** Not Flammable.
- 5.2. Extinguishing Media:** Dry chemical or carbon dioxide
- 5.3. Fire Fighting Instructions:** No special fire fighting procedures are required other than breathing apparatus. No special explosion hazards are known.

6. Accidental Release Measures

- 6.1. Personal protections:** Eye or skin protection required during clean-up. Use proper ventilation.
- 6.2. Methods for cleaning up:** If a spill occurs, use sponges to wipe-up ink, and then rinse area with damp cloth. Place waste in closed container for disposal. Do not dispose of waste to the sewer. Wash hands with soap and water.

7. Handling And Storage

- 7.1. Handling:** Keep out of reach of children and do not drink ink.
- 7.2. Storage:** Do not store the cartridge in high or freezing temperatures. Keep cartridge out of direct sunlight. Do not dismantle cartridge. Do not store cartridges with oxidizing agents or explosives. Make sure cartridge is dry before insertion into printer housing.
- 7.3. Specific use(s):** Not specified

8. Exposure Controls and Personal Protection

- 8.1. Exposure limit values:** Not required
- 8.2. Exposure Controls:**
- 8.2.1. Occupational exposure control**
Not Required
- 8.2.1.1. Respiratory protection**
None required when cartridges are used as intended.
- 8.2.1.2. Hand protection**
None required when cartridges are used as intended.
- 8.2.1.3. Eye protection**
None required when cartridges are used as intended.
- 8.2.1.4. Skin protection**
None required when cartridges are used as intended.
- 8.2.2. Environmental exposure control**
Not established
- 8.3. Engineering Controls**
Not required

9. Physical and Chemical Properties of Ink Formulation

9.1. General information

Appearance: Black Liquid
Odor: None

9.2. Important health, safety and environmental information

pH: 7.4 ~ 8.0 at 20°C
Boiling point: No data available
Freezing point: Less than 32 °F / 0 °C
Flash point: Over 100°C/230°F (estimated)
Auto flammability: None
Explosive properties: None
Oxidizing properties: None
Vapor density: No data available
Relative density: 1.061 at 20°C
Solubility in water: Complete
Solubility in fat: No data available
Partition coefficient: No data available
Viscosity: Less than 5 mPa·s at 20°C

9.3. Other information Not specified

10. Stability and Reactivity

Stability Stable
Hazardous polymerization Will not occur

10.1. Conditions to avoid: High and freezing temperatures

10.2. Materials to avoid: Oxidizers and explosives

10.3. Hazardous decomposition products: No data available

11. Toxicology and Health Hazards

Routes Of Overexposure: Eye, skin, inhalation, and oral

Acute Health Hazards:

- Overexposure of eye surface to ink may be mildly irritating
- Overexposure of skin to ink contact may cause irritation and in some people swelling and redness
- Intentional inhalation overexposure to ink vapors may result in respiratory tract irritation
- Intentional or accidental oral ingestion may cause an upset stomach

Chronic Health Hazards: None known

Mutagenicity: Not meet the criteria for classification according to EU Directive 1999/45/EC

Carcinogenicity: Not contain any substances listed in IARC Monographs (1,2A and 2B)

Toxicity Data:	Oral LD ₅₀	Dermal LD ₅₀	Inhalant LC ₅₀
	Not meet the criteria for classification according to EU Directive 1999/45/EC	Not meet the criteria for classification according to EU Directive 1999/45/EC	No data available

Eye irritating: Not meet the criteria for classification according to EU Directive 1999/45/EC

Skin irritating: Not meet the criteria for classification according to EU Directive 1999/45/EC

Skin sensitizing: Not meet the criteria for classification according to EU Directive 1999/45/EC

12. Ecological Information

12.1. Ecotoxicity No data available on the adverse effects of this ink on the environment



- 12.2. Mobility** No data available on the adverse effects of this ink on the environment
- 12.3. Persistence and degradability** No data available on the adverse effects of this ink on the environment
- 12.4. Bioaccumulative potential** No data available on the adverse effects of this ink on the environment
- 12.5. Other adverse effects** No data available

13. Disposal Considerations

Disposal should be in accordance with federal, state, and local requirements.

14. Transportation Information

UN Class/UN Number: Not applicable
DOT, IMO, or IATA : Not hazardous classification

15. Regulatory Considerations

EU Regulations:

EU Inventory: All components of this ink are compliant with EU chemical inventory regulations.
Labeling : This ink does not need to be labeled in accordance with EU Directive 1999/45/EC.

U.S. Regulations:

TSCA Inventory: All components of this ink are compliant with TSCA chemical inventory regulations.

16. Other Information

This "Product Information Sheet" contains health, safety, and environmental information. It does not replace any precautionary language or use and disposal information which accompanies the product. The information contained herein is believed to be accurate at the time of preparation, but should only be used as a guide. It is subject to revision from time to time. EPSON does not warrant the completeness or accuracy of the information contained herein.

In consideration of our environment and world neighbors, all genuine EPSON ink cartridges are engineered and based on an "Ecologically Friendly" water based technology. EPSON ink cartridges contain no CFCs or harsh liquid solvents.

"Wait until you see it in **EPSON COLOR**"