



**Section 5 : Fire-fighting measures**

Extinguishing media: Potassium carbonate mist, CO<sub>2</sub>, foam, dry chemical powder, dry sand

Special hazards arising from the substance or mixture:  
Fire could cause thick and black smoke.  
Toxic products, CO and CO<sub>2</sub>, could be formed by thermal decomposition.

Advice for fire-fighters: This ink does not act as a source of ignition, but might burn if exposed to a fire.

**Section 6 : Accidental release measures**

Personal precautions, protective equipment and emergency procedures:  
Ventilate the area until material is completely picked up.

Environmental precautions: Do not empty into the drains.

Methods and material for containment and cleaning up:  
Shovel up, then wipe up with cloth or paper.

**Section 7 : Handling and storage**

Precautions for safe handling:  
Use only in the well-ventilated areas.  
Avoid contact with skin. Use only with cartridge.

Conditions for safe storage, including any incompatibilities:  
Store at 5 - 35 °C and protect from sunlight  
Keep the ink out of reach of children.  
Only original cartridge.

**Section 8 : Exposure controls/personal protection**

Control parameters:  
OCCUPATIONAL EXPOSURE GUIDELINES:

	CAS No.	OSHA PEL	ACGIH TLV
Petroleum solvent	64742-46-7	5 mg/m <sup>3</sup> *1	5 mg/m <sup>3</sup> *1

\*1 : as mineral oil (CAS No.8012-95-1) mists

Appropriate engineering controls:  
Good general ventilation should be sufficient for most conditions.

Individual protection measures, such as protective equipment:

RESPIRATORY PROTECTION : Not normally required

HAND PROTECTION: Recommend the use of gloves in case of contact with skin.

EYE PROTECTION: Not normally required

SKIN AND BODY PROTECTION : Not normally required

**Section 9 : Physical and chemical properties**

Physical state: Blue liquid

Odor: Slight characteristic odor

pH: Not applicable

Melting point/freezing point: < 0 °C

Boiling point: > 200 °C

Flash point: > 120 °C (Cleveland Open-cup)

Evaporation rate: No data available

Flammability (solid, gas): Not applicable

Upper/lower flammability: No data available

Vapor pressure: No data available

Vapor density: No data available

Density: 0.84-0.90 g/cm<sup>3</sup> (23 °C)

Solubility: WATER SOLUBILITY: Insoluble

Partition coefficient: No data available



Environmental hazards: Not regulated  
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:  
Not regulated

**Section 15 : Regulatory information**

## Japanese Existing and New Chemical Substances (ENCS)

All chemical substances in these products are listed on the ENCS list, have been registered, or are exempt.

## Toxic Substances Control Act Chemical Substance Inventory (TSCA Inventory)

All chemical substances in these products are listed on the TSCA chemical substance inventory, have been registered, or are exempt.

## Australian Inventory of Chemical Substances List (AICS)

All chemical substances in these products are listed on the AICS list, have been registered, or are exempt.

**Section 16 : Other information**

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