

# Safety Data Sheet

## 1. Identification

**Product identifier** Aqueous pigment ink AP50 Black

**Other means of identification** Not available

**Product code** AP50-K-BJ

### Recommended use of the chemical and restrictions on use

**Recommended use** Water-based pigment ink

**Restrictions on use** For use as ink jet printing ink only

### Chemical manufacturer, importer, or other responsible party(local)

**Company name** MIMAKI USA, INC.

**U.S. address** 4851 Thurmon Tanner Parkway, STE 100 Flowery Branch, GA  
30542, U.S.A.

**U.S. telephone number** +1-678-730-0170

### Manufacturer

**Company name** MIMAKI ENGINEERING CO., LTD.

**Address** 2182-3 Shigeno-otsu, Tomi-shi, Nagano 389-0512 JAPAN

**Telephone number** +81-268-64-2413

**Emergency phone number** +1 866 928 0789 (within United States only, Toll free) (24h)  
+1 215 207 0061 (24h)

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## 2. Hazard identification

### GHS classification

Hazards not described are "Not classified", "Not applicable" or "Classification not possible".

### Label content

#### Hazard pictogram or symbol

None

**Signal word** None

#### Hazard statement(s)

None

#### Precautionary statement(s)

None

### Hazard not otherwise classified (HNOC):

Not available

### Hazards of chemical reaction products associated with known or reasonably anticipated uses or applications:

Not available

## 3. Composition/information on ingredients

Distinction of substance or mixture: Mixture

Chemical name	Common name(Synonyms)	CAS number or other unique identifier	Content or concentration range
Water	Not available	7732-18-5	50-80%
Carbon black	Not available	1333-86-4	4-8%
1,2,3-Propanetriol	Glycerine	56-81-5	10-20%
1,2-Ethanediol	Ethylene glycol	107-21-1	7-15%
Note: The specific chemical identity, and/or concentration (exact or range) of the composition has been withheld as a trade secret.			

## 4. First aid measures

### Description of necessary measures

#### Inhalation

Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

#### Skin contact

Get medical advice/attention if you feel unwell.

#### Eye contact

Get medical advice/attention from an ophthalmologist if you feel unwell.

#### Ingestion

Get medical advice/attention if you feel unwell.

### Most important symptoms/effects, acute and delayed

Not available

### Indication of immediate medical attention and special treatment needed, if necessary

Treat according to the symptoms.

## 5. Fire-fighting measures

### Suitable extinguishing media

Not available

### Unsuitable extinguishing media

Not available

### Specific hazards arising from the chemical

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Fire may produce irritating, corrosive and/or toxic gases.

## Special protective equipment and precautions for fire-fighters

Move containers from fire area if you can do it without risk. Be careful not to cause environmental pollution by the outflow of fire extinguishing agent or dilution water. Wear proper protective equipment. Extinguish fire from windward as much as possible.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Workers must wear appropriate protection equipment (refer to Section 8) and work from upwind. Isolate the site as a leak area by providing a zone that has an appropriate width to all directions. Prohibit unauthorized entry into the area.

### Methods and materials for containment and cleaning up

Stop leak if you can do it without risk.

Collect spillage as much as possible.

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## 7. Handling and storage

### Precautions for safe handling

Use in a well-ventilated area.

Wash contaminated areas thoroughly after handling.

Optimal operating temperature: 15-28°C

### Conditions for safe storage, including any incompatibilities

Store in a well-ventilated area.

Store locked up.

Warehouse temperature:  $\geq 0^{\circ}\text{C}$

Incompatible materials: Oxidants, acids and alkalis.

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## 8. Exposure controls/personal protection

### Occupational exposure limits

OSHA (PELs)

Carbon black TWA 3.5 mg/m<sup>3</sup>

1,2,3-Propanetriol TWA 15 mg/m<sup>3</sup>(Total dust)

1,2,3-Propanetriol TWA 5 mg/m<sup>3</sup>(Respirable fraction)

ACGIH (TLVs)

Carbon black TWA 3mg/m<sup>3</sup> <sup>(1)</sup> (A3)

1,2-Ethanediol TWA 25ppm <sup>(V)</sup> STEL 50ppm<sup>(V)</sup> 10mg/m<sup>3</sup>(<sup>(1)</sup>(H)) (A4)

### Biological limits

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ACGIH

Not available

**Appropriate engineering controls**

It is recommended to properly install local exhaust device, closed system or full ventilation equipment.

Provide showers, hand-wash and face-wash stations in the workplace and display the position clearly.

**Personal protective equipment****Respiratory protection**

Wear face protection as necessary.

**Hand protection**

Wear protective gloves as necessary.

**Eye/face protection**

Wear eye protection as necessary.

**Skin protection**

Wear protective clothing and safety shoes as necessary.

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**9. Physical and chemical properties**

<b>Physical state</b>	Liquid
<b>Color</b>	Black
<b>Odor</b>	None
<b>Odor threshold</b>	Not available
<b>pH</b>	7-9
<b>Melting point/freezing point</b>	Not available
<b>Boiling point (or initial boiling point or boiling range)</b>	100°C
<b>Flash point</b>	None
<b>Evaporation rate</b>	Not available
<b>Flammability</b>	Not available
<b>Lower and upper explosion limit/flammability limit</b>	Upper: None; Lower: None
<b>Vapor pressure</b>	Not available
<b>Density and/or relative density</b>	1.0-1.1
<b>Solubility</b>	Not available
<b>Partition coefficient n-octanol/water (log value)</b>	Not available
<b>Auto-ignition temperature</b>	None
<b>Decomposition temperature</b>	0°C
<b>Kinematic viscosity</b>	Not available
<b>Relative vapor density</b>	Not available
<b>Particle characteristics</b>	Not available

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**10. Stability and reactivity**

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**Reactivity**

Not available

**Chemical stability**

Stable under normal handling conditions.

**Possibility of hazardous reactions, including those associated with foreseeable emergencies**

None

**Conditions to avoid**

None

**Incompatible materials**

Strong oxidants, strong acids

**Hazardous decomposition products**

None

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## 11. Toxicological information

No alternative information is used.

**Acute toxicity****Oral**

Not available

**Dermal**

Not available

**Inhalation**

Not available

**Skin corrosion/irritation**

Not available

**Serious eye damage/irritation**

Not available

**Respiratory sensitization**

Not available

**Skin sensitization**

Not available

**Germ cell mutagenicity**

Not available

**Carcinogenicity**

Not available

OSHA: Not Listed

IARC:

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Carbon black: Group 2B

NTP: Not Listed

**Reproductive toxicity**

Not available

**Specific target organ toxicity (Single Exposure)**

Not available

**Specific target organ toxicity (Repeated Exposure)**

Not available

**Aspiration hazard**

Not available

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## 12. Ecological information

**Ecotoxicity**

Not available

**Persistence and degradability**

Not available

**Bioaccumulative potential**

Not available

**Mobility in soil**

Not available

**Other adverse effects**

Not available

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## 13. Disposal considerations

**Remaining wastes**

Dispose of contents/container in accordance with local/regional/national/ international regulations.

Entrust an industrial waste processor licensed by the local government, etc. or a local administration that handles the business to dispose.

**Contaminated container and packaging**

Dispose of contents/container in accordance with local/regional/national/ international regulations.

Entrust an industrial waste processor licensed by the local government, etc. or a local administration that handles the business to dispose.

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## 14. Transport information

**UN number**

Not applicable

**UN proper shipping name**

Not applicable

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<b>Transport hazard class(es)</b>	Not applicable
<b>Packing group</b>	Not applicable
<b>Marine pollutant (Yes/No)</b>	No
<b>Transport in bulk according to IMO instruments</b>	Not applicable

### Special precautions

Make sure that there is no leakage of containers during transporting. Prevent containers from overturning, falling and being damaged during loading. Prevent the cargo from collapsing.

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## 15. Regulatory information

<b>TSCA Inventory</b>	Listed (Water / Carbon black / 1,2,3-Propanetriol / 1,2-Ethanediol)
<b>Occupational Safety and Health Act</b>	
<b>Air contaminants</b>	Carbon black / 1,2,3-Propanetriol
<b>Highly hazardous chemicals</b>	Not applicable
<b>HCS 2024</b>	Regulated
<b>CERCLA Regulation</b>	1,2-Ethanediol (5000 (2270) pounds (Kg))
<b>EPCRA 302 Regulation</b>	Not regulated
<b>EPCRA 304 Regulation</b>	1,2-Ethanediol (5000 (2270) pounds (Kg))
<b>EPCRA 313 Regulation</b>	1,2-Ethanediol
<b>State Regulations</b>	
<b>US. California Proposition 65</b>	

### : WARNING



This product can expose you to chemicals including Ethylene glycol and Carbon black, which are known to the State of California to cause cancer/ birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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## 16. Other information

<b>Date of preparation</b>	2025-08-19
<b>Date of revision</b>	-

### Notice to reader:

This SDS is prepared based on Hazard Communication, Final Rule, Federal Register, Vol. 89, No. 98. The information provided in this SDS are based on currently available materials, information, and other data, however, we cannot assume any liability for the accuracy of the information contained. All chemical products may have unknown, potentially hazardous characteristics. It is recommended that handling should be done with caution.



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Product Identifier: Aqueous pigment ink AP50 Black

SDS No. 037-W599578

Date of preparation: 2025/08/19

Date of revision: -

The sign "-" included above means no relevant information.