

Safety data sheet

12 June, 2001

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

1.1. Identification of the product :

Product name : Ink Cartridge Dye Black SPC-0258K

1.2. Company/undertaking identification :

Company name : MIMAKI ENGINEERING CO., LTD.

Address : TKB Gotenyama Building, 5-9-41, Kitashinagawa, Shinagawa-ku
Tokyo 141-0001, Japan

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Contact person : Masaaki Fujita

2. Composition/information on ingredients

Ingredients : Company Secret
(Mixture : dyestuff, solvent, water)

3. Hazards identification

No hazardous classification according to Council Directive 88/379/EEC

4. First-aid measures

Swallowed : First immediately rinse out mouth several times with water. Then drink 2-3 glasses of water. Give nothing by mouth to an unconscious person. Rest quietly in bed. Seek medical advice immediately.

Eye : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower lids. Contact lenses must be removed. Seek medical advice.

Skin : If exposure is excessive, immediately remove all contaminated clothing in contact with the affected skin areas. Wash affected skin areas with soap and water. If symptoms such as irritation persist, seek medical advice.

Inhaled : If the person breaths in a large amount of vapor, move the exposed person to an area with fresh air. Seek medical advice immediately.

5. Fire-fighting measures

Flammability : None
Suitable extinguishing media : Dry chemical, carbon dioxide.

6. Accidental release measures

If split, use sponge to wipe up the ink. Place it in closed container for proper disposal. During working for clean up, put on rubber gloves and goggle to avoid contacting ink to skin and eyes.

7. Handling and storage

7.1. Handling

Under normal circumstances, ink will not come out of the cartridges. If ink gets into your eyes or on your skin, see 4. First-aid measures.
Do not shake an ink cartridge; this can cause leakage.
Do not dismantle the cartridge.
Keep ink cartridges out of the reach of children.
Do not drink ink.

7.2. Storage

Do not leave ink cartridges in high temperature and high humidity. Do not expose directly to the sun.

8. Exposure controls/personal protection

Exposure standards : None
Engineering controls : Not applicable
Personal protection : None required when used as intended in MIMAKI equipment.

9. Physical and chemical properties

Appearance :	Black liquid	
Odor :	No odor	
pH :	Approximately 8~9.5	at room temperature
Boiling point :	No data available	
Melting point :	No data available	
Flashing point :	Not detect until 110°C	
Autoflammability :	None	
Explosive properties :	None	
Oxidizing properties :	None	
Vapor pressure :	No data available	
Relative density :	1.06	at 20°C
Solubility in water :	∞	
Solubility in fat :	No data available	
Partition coefficient :	No data available	
Viscosity :	less than 5 mPa·s	at 20°C

10. Stability and reactivity

Stability :	Stable
Hazardous polymerization :	Will not occur
Hazardous decomposition products :	None

11. Toxicological information

*Based on toxicology data of chemically similar material.

Acute toxicity :	
Oral LD ₅₀ :	>5g/kg (Rats)*
Dermal LD ₅₀ :	No data available
Inhalant LC ₅₀ :	No data available
Irritation :	
Skin :	Non-irritating (Rabbits)*
Eye :	Non-irritating (Rabbits)*
Sensitization:	Non-sensitizing*
Carcinogenicity :	None (Not listed in NTP, IARC, Monographs, OSHA, Regulated, MAK listed and Annex I of 67/548/EEC)
Mutagenicity :	None (by Ames test is negative)*

12. Ecological information

No data available

13. Disposal considerations

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

14. Transport information

No hazardous classification

15. Regulatory information

16. Other information

Recommended uses :

Ink for MIMAKI ink-jet printers

Restrictions :

Information on this data sheet represents our current data and the best opinion as to the proper use in handling of this product under normal conditions specified in our User's Manual. However, neither MIMAKI ENGINEERING, CO., LTD nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we do not guarantee that these are the only hazards that exist.