

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: SS2 ink cleaning fluid in cartridge, SPC-0407
Company Identification
Manufacturer's Name / Supplier Address Mimaki Engineering Co., Ltd.
1333-3 Kazawa Oaza Tomishi,
Nagano 389-0514 Japan
Phone Number / Fax 81-268-64-2413 / 81-268-62-3996
Contact Person Masaru ohnishi (Inks & Media Dept.)

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components

Chemical or common name	CAS NO.	EINECSS NO.	Concentration (%)
Not Applicable.			

EU classification

Chemical or common name	Classification	Indication
Not Applicable.		

3. HAZARDS IDENTIFICATION

Classified name: Flammable liquid, acute toxic substance
Hazard comments: Stagnant vapor may cause fire.
May cause organic solvent poisoning.
Do not inhale. Inhalation may cause any of the following symptoms:
Dizziness, headache
Slight anesthesia
Irritation to eyes, skin or respiratory tract

4. FIRST AID MEASURE

Eye: Flush eyes with plenty of water for at least 15 minutes.
Consult a doctor immediately.

Skin contact: Immediately remove from skin with cloth.
Flush thoroughly with plenty of water and soap or skin detergent.
Do not use solvent or thinner.
Consult a doctor in case of change of appearance or ache.

Swallowing: If swallowed, keep calm and consult a doctor immediately.
Keep from swallowing vomit.

Inhalation: If inhaled, immediately remove to fresh air and keep warm and calm. If
breathing irregularly or not breathing, give artificial respiration. Keep from
swallowing vomit.
Consult a doctor immediately.
If inhaled and feeling sick, remove to fresh air, keep warm and calm and
consult a doctor.

5. FIRE FIGHTING MEASURES

Extinguishers: CO₂, foam, powder, dry sand
Method: Use proper protection (heat-resisting clothes, etc.).
Promptly remove flammables.
Never splash water.

6. ACCIDENTAL RELEASE MEASURES

Use proper protection (gloves, masks, aprons, goggles, etc.)
If Collect spills in a sealing container and remove to safe place.
Dispose of waste according to legal instructions.
Promptly remove ignitable, hot, or flammable items.
Prepare proper fire extinguishers for accidental ignition.
Use plastic or other equipment to prevent sparks during recovery operation.
Use dry sand, dirt or other nonflammable absorber.
Avoid discharge to rivers and environmental effects.

7. HANDLING AND STORAGE

Handling precautions:

Use proper protection (gloves, masks, aprons, goggles, etc.)
Handle in well-ventilated area.
Prohibit use of fire, sparks or heat source.
Ground equipment against electrostatics and use explosion-proof electric equipment.
Use spark-proof tools.
Keep used cloths, waste paints or spray dusts in water until disposal.
Use local exhaust system and proper protection if working in closed area.

Storing precautions:

Keep from sunlight.
Store in well-ventilated area.
Keep from open fire or heat source.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Equipment: Use explosion-proof handling equipment.
Use exhaust system to prevent vapor build-up
Ground transporting, scooping, agitating or other liquid handling equipment.
Keep heat or fire sources from handling area.
If working indoors, use automatic coating machine or other proper equipment to protect workers from direct exposure or use local exhaust system to protect workers from exposure.

Protective gear: Eyes: Wear eye shields.
Skin: Wear gloves that resist organic solvents and chemicals.
Inhalation: Wear gas masks for organic gases. Wear ventilation masks when working in closed area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Condition (at 20°C):	Liquid
Color:	Clear and colorless
Odor:	Slight solvent odor
Boiling point:	176°C or higher
Vapor pressure Pa (°C):	133(20)
apor density (at 20°C):	0.954±0.01
pH:	Not Applicable
Flash point:	72.6°C
Ignition point:	169°C
Flammable point:	2.2% to 33.0%
Others:	None

10. STABILITY AND REACTIVITY

Material of contact hazard: None.
Harmful gas from combustion: CO, low-molecular monomer or other harmful gases may occur.
Other information on reactivity: No hazardous reactivity under standard conditions.
Other information on hazards: None.

11. TOXICOLOGICAL INFORMATION

[Hazard and exposure condensation criteria]
None
[Other hazard information on product]
Safety tests on products have not been made but abuse may cause liver and kidney trouble and skin dryness.

12. BIOLOGICAL INFORMATION

Take cautions against environmental hazards from release or disposal.

13. DISPOSAL CONSIDERATIONS

Have waste liquids, containers and other materials disposed of by licensed industrial waste contractors.
Keep waste liquids from flushing containers, machines or other equipment from flowing directly to the ground or drainage.
Dispose of wastes from drainage, combustion, etc, in compliance with laws and regulations on waste disposal or cleaning, or have them disposed of by contractors.
To avoid harmful gases, do not use incinerators without flushing systems to burn wastes and other materials.

14. TRANSPORT INFORMATION

Common:	Follow handling and storing precautions.
Land transport:	Follow legal requirements on transportation.
Marine transport:	Follow the Ship's Safety Law.
Air transport:	Follow the Aviation Law.

15. REGULATORY INFORMATION

Industrial Safety and Health Law: Dangerous article (flammable material)
PRTR: Not Applicable
Fire Defense Law: Hazardous material 4th category, 3rd Petroleum oil (Aqueous)
Poisonous and Deleterious Substances Control Law: Not Applicable
UN Number: Not Applicable

16. EU REGULATORY INFORMATION

EU Symbol: F Flammable
Risk Phrases: R10 Flammable

17. OTHER INFORMATION

Use application: Ink for MIMAKI ink jet plotter
Caution: This MSDS is a concise assortment of information necessary for proper use of the Mimaki products. The MSDS reflects the latest documents, information and data available at the time of publication. However, assessment on risks and hazards may not be complete and extra precaution on use is highly recommendable. The MSDS is subject to change without notice due to revision of laws and/or new knowledge.

End of MSDS