

Safety Data Sheet

1. Product and Company Information

Product name	: Phase Separating Filter No.2S
Company	: Toyo Roshi Kaisha, Ltd.
Head office	: 1-18-10 Otowa, Bunkyo-ku, Tokyo, 112-0013 Japan
Section in charge	: Quality Assurance Room
Phone	: 81-(0)3-5981-0577
Fax	: 81-(0)3-5981-0583
Emergency contact number	: Same as above
Recommended application and limitation	: Separation of aqueous and non-aqueous phases and organic solvents
Reference No.	: MC-7002J-4

2. Hazard Summary

GHS Classification	
Physical hazard	: Not applicable.
Human health hazard	
Acute toxicity (Oral)	: Not classified.
(Dermal)	: Not classified.
(Inhalation: gas)	: Not applicable.
(Inhalation: vapour)	: Not applicable.
Environmental hazard	: Classification is not possible.
Label element	: None.

3. Composition and Information on ingredients

Single substance/Mixtures	: Mixtures
Chemical name or general name	: Phase Separating Filter
Ingredients and Content	: Cellulose Water repellent
Chemical formula or structural formula	: Cellulose [C₆H₁₀O₅]_n
Reference Number in Gazetted List in Japan	
Law Concerning the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.	: ———
Japan's Industrial Safety and Health Law	: ———
CAS No.	: Cellulose 9004-34-6
UN Classification	: ———
UN No.	: ———

4. First Aid Measures

Eye contact	: Immediately wash thoroughly with clean running water. In case of abnormality, consult with a physician.
Skin contact	: Immediately rinse the adhesion area and/or contact area with a copious amount of clean running water and soap.
Inhalation	: Remove Person to fresh air and keep rest in a position comfortable for breathing. In case of abnormality, consult with a physician.
Ingestion	: In case of abnormality, consult with a physician.

5. Fire Fighting Measures

Extinguishing procedure	: Take the same procedure as a general fire.
Unacceptable extinguishing media	: No data available.
Extinguishing media	: Plenty of water (spray), dry chemicals, carbon dioxide, foam chemicals, and halogen media.

6. Accidental Release Measures

Personal precautions	: No data available.
Protective equipment and emergency procedures	: No data available.
Precautions for environment	: No data available.
Collection/neutralization	: No data available.
Follow [Disposal Considerations] when disposing of the collected material.	

7. Handling and Storage

Handling	: No data available.
Storage	: In order to prevent the alteration and/or deterioration caused by moisture absorption, seal the container tightly and store the container at a cool and dark place. Do not store with oxides and/or organic peroxides. If a total stored amount exceeds 1,000 kg, follow Fire Defense Law (specific combustible material) (Cellulose)

8. Exposure controls / Personal protection

Administrative concentration	: No data available.
Acceptable concentration	
Japan Society for Occupational Health	: No data available.
ACGIH	: No data available.
Facility provision	: ———
Protective equipment	: Use appropriate protective tools if necessary.

9. Physical and Chemical Properties

Appearance (Physical property, shape, color, etc.)	: White.
Odour	: None.
pH	: No data available.
Melting point /Freezing point	: No data available.
Flash point	: No data available.
Explosive limit	Upper limit : No data available.
	Lower limit : No data available.
Relative density	: 1.5
Solubility	: Insoluble in water.
Spontaneous ignition point	: No data available.
Decomposition temperature	: No data available.
Flammability (Solid, gas)	: Yes.

10. Stability and Reactivity

Stability, Reactivity	: Stable under normal handling.
Possibility of hazardous reactions	: No data available.
Conditions to avoid	: Direct sunlight, ultraviolet light, wetting, high temperature, high humidity, open-air storage.
Incompatible materials	: Strong oxidizers.
Hazardous decomposition products	: No data available.

11. Toxicological Information

Acute toxicity (Oral)	: Not classified.
(Dermal)	: Not classified.
(Inhalation: gas)	: Not applicable.
(Inhalation: vapour)	: Not applicable.
(Inhalation: dust, mist)	: Classification is not possible due to lack of data.
Skin corrosion/ Irritation	: Classification is not possible due to lack of data.
Serious eye damage and eye irritation	: Classification is not possible due to lack of data.
Respiratory/ Skin sensitization	: Classification is not possible due to lack of data.
Germ cell mutagenicity	: Classification is not possible due to lack of data.
Carcinogenicity	: Classification is not possible due to lack of data.
Reproductive toxicity	: Classification is not possible due to lack of data.
Specific target organ toxicity - Single exposure	: Classification is not possible due to lack of data.
Specific target organ toxicity - Repeated exposure	: Classification is not possible due to lack of data.
Aspiration hazard	: Classification is not possible due to lack of data.

12. Ecological Information

Ecotoxicity	
Hazardous to the aquatic environment (acute)	: Classification is not possible due to lack of data.
Hazardous to the aquatic environment (chronic)	: Classification is not possible due to lack of data.
Persistence and Degradability	: No data available.
Bioaccumulative potential	: No data available.
Mobility in soil	: No data available.
Ozone layer hazard	: Classification is not possible due to lack of data.
Other	: Do not dispose or release to ocean or any other water area preventing environmental contamination and intake by marine and bird life.

13. Disposal Considerations

Dispose in accordance with federal, state and local regulations.
Just like disposal of general industrial waste, ask for industrial waste disposer accepted by prefectural governors or for a local public agency for disposal.
When incinerating the material, use the specific incineration facility. Take appropriate procedure that satisfies Clean Air Act, Waste Disposal and Public Cleaning Law, and Clean Water Law. (We recommend disposing the material as industrial waste.)

14. Transport Information

15. Regulatory Information

Fire Defense Law : Article 9-4 (Standard for storage and handling of hazardous material with less than specified amount) Article 1-12 on regulations of hazardous materials, and Group 4 specific flammable materials (Rag and paper waste. If a total amount is 1,000 kg, follow Fire Defense Law. If a total amount is less than 1,000 kg, follow the regulations defined by municipal ordinance for storage and handling of the material.)

16. Other information

Handling of written contents

Contents of this data sheet are based on materials, information, and data acquirable at this point and are subject to revision due to new knowledge.

In addition, contents such as contained amount, physical and chemical properties, and hazards identification are not subject of any guarantee. These precautions are applied only during standard handling. If the material is used in a special way, take appropriate safety measures that correspond to actual applications and usages.

Each user is responsible to take appropriate measures with due consideration of contents in this sheet.

Please note that this Material Safety Data Sheet is created according to Japanese law.

List of references

- Hazard communication of chemicals based on GHS - Labelling and Safety Data Sheet (SDS) (JIS Z 7253: 2012)
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