

Safety Data Sheet (SDS)

1. Product and the Company Identification

Product name	: Polypropylene Spunbond
Common name	: PP nonwoven fabric
Company name	: FURUKAWA TECHNO MATERIAL CO.,LTD.
Address	: 5-1-8, HIGASHI-YAWATA, HIRATSUKA-CITY, KANAGAWA-PREF, 254-0016, JAPAN
Contact Office	: Quality Assurance Department, Fire Prevention Division
Telephone number	: +81-463-24-9341
Fax number	: +81-463-24-9346
Emergency contact	: +81-463-24-9341
Use applications	: Product is to be used mainly for composed material for "Firestop Block".

2. Hazards Identification

GHS Classification

Physicochemical hazards	: Not applicable
Health hazards	: Not applicable
Environmental hazards	: Not applicable

GHS Label elements

Symbols/Pictograms	: Not applicable
Signal Word	: Not applicable
Hazard Statement	: Not applicable
Precautionary Statement	: Not applicable

The product is not hazardous.

3. Composition/Information on Ingredients

Single substance and mixture: Single substance.

Composition	Chemical formula	Reference number in gazetted list in Japan	CAS No	UN class	UN No
Polypropylene	$(-CH_2-CH(CH_3)-)_n$	Chemical Substances Control Law(JAPAN): 6-402 (Not applicable)	9003-07-0	Not restricted	Not restricted

4. First Aid Measures

Inhalation	: Move person to fresh air. Call a physician if symptoms develop or persist.
Skin contact	: Wash off with soap and water. Get medical attention if irritation develops and persists.

- Eye contact : Immediately wash the eyes, and receive medical treatment.
- Swallowing : Do not induce vomiting. Wash the mouth thoroughly with water. Immediately receive the medical treatment.
-

5. Fire-Fighting Measures

- Extinguishing Media : Water spray. Dry extinguishing media. Foam. Carbon dioxide (CO₂).
- Unsuitable extinguishing media : Not specified
- Hazardous Combustion Products : Under Oxygen lean conditions, Carbon Monoxide (CO) and irritating smoke may be produced.

Extinguishers should be done from the windward side, with suitable protective respirator and clothing, if necessary.

6. Accidental Release Measures

- Personal precautions, protective equipment and emergency procedures:
Wear proper protective equipment.
- Environmental procedures : Not applicable
- Methods for collect : Collect spillage and place in empty container.
-

7. Handling and Storage

- Handling : Industrial hygienic and protective measures should be taken when handling the fabric.
Keep away from direct moisture contact.
- Storage : Do not store with highly oxidizing materials. Store fabric in dry place with good air flow.
-

8. Exposure Control and Personal Protection

- Control parameters
- Administrative exposure level : Not established
- Occupational exposure limit value (OEL) : Not established
- Exposure control
- Countermeasure equipment : Not established
- Protective equipment : Wear proper protective equipment (mask, gloves, goggles and clothing) on necessity.

9. Physical / Chemical Characteristics

Physical state	: Solid
Appearance	: Black
Odor	: Odorless
PH	: Neutral
Moisture regain	: < 8 %
Solubility in water	: Insoluble
Melting point	: 140~160°C
Specific gravity (H ₂ O)	: 0.90 – 0.91

10. Stability and Reactivity

Reactivity	: Not reactive under normal conditions
Chemical stability	: Stable under normal conditions
Possibility of hazardous reactions	: No useful information
Conditions to avoid	: Temperatures above 250°C may cause resin degradation.
Incompatible materials	: Strong oxidizing agents(e.g. Fluorine).
Hazardous decomposition product	: Carbon Dioxide(CO ₂), Carbon Monoxide(CO), Flammable Hydrocarbons and Fumes.

11. Toxicological Information

Acute toxicity	: No useful information
Skin corrosion / Irritation	: No useful information
Serious eye damage/eye irritation	: No useful information
Respiratory sensitization / Skin sensitization	: No useful information
Germ cell mutagenicity	: No useful information
Carcinogenicity	: No useful information
Reproductive toxicity	: No useful information
Specific target organ toxicity(single exposure)	: No useful information
Specific target organ toxicity(repeated exposure)	: No useful information
Aspiration hazard	: No useful information

12. Ecological Information

Hazard to the aquatic environmental	: No useful information
Hazard to the ozone layer	: No useful information
Persistence and degradability	: Expected to persist
Bioaccumulation potential	: No useful information
Mobility in soil	: Expected to have low mobility in soil.

13. Disposal Considerations

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Disposal should be entrusted to authorized waste disposal companies.

14. Transport Information

UN No	: Not restricted
UN CLASS	: Not restricted
International Air Transportation (ICAO-TI/IATA-DGR)	: Not restricted
International Marine Transportation (IMDG Code)	: Not restricted

15. Regulatory Information

Chemical Substances Control Law (JAPAN)	: Not applicable
Law concerning Pollutant Release and Transfer Register / PRTR Law (JAPAN)	: Not applicable
Industrial Safety and Health Law (JAPAN)	: Not applicable
Fire Service Act (JAPAN)	: Designated flammable goods
Poisonous and Deleterious Substances Control Law (JAPAN)	: Not applicable
Waste Management and Public Cleansing Law (JAPAN)	: Applicable

16. Other Information

Contact office	: Quality Assurance Department, Fire Prevention Division
Telephone number	: +81-463-24-9341

Warning

This Safety Data Sheet has been prepared based on the latest materials and data available and its information is not guaranteed. It may be subject to revision depending on future findings. The cautions described herein are targeted at usual treatment, and in case the users of this product implement special treatments, they are advised to take safety measures suitable for their purpose and usage.

