

PRODUCT SAFETY DATA SHEET

Manufacturer's Information

Company Name:

Address:

Telephone Number:

Fax Number:

Prepared on:

November 11, 2009

Product Name: (Chemical Name, Trade Name) Twisted paper string base paper (white)

Specification of Material	Single or Mixed Product	: Mixed product
	Chemical Name	: Paper (Cellulose fiber mixture)
	Component	: Cellulose, hemicelluloses (lignin)
	Reference No. for notice through official gazettes (Law Concerning the Examination and Regulation of Manufacture, etc. of Chemical Substances, Industrial Safety and Health Law)	: Not applicable
	CAS No.	: Not applicable
	United Nations Classification and United Nations Number	: Not applicable
	Hazard Classification	Classification Name
Hazard		: Flammable
Toxicity		: Extremely low toxicity directly to the human body
Environmental Impact		: No particular impact
First-aid Treatment	If it gets into the eyes	: If paper powder gets into the eyes, wash them with water. Consult with your doctor just in case it may damage the eyes.
	If it attaches to the skin	: No problem
	If it is inhaled	: Not applicable
	If it is swallowed	: No problem
Measures in Case of Fire	How to extinguish	: General measures to extinguish
	Fire-extinguisher	: Water, carbon dioxide, powder, etc.
Measures for Leakage	Nothing in particular (However, collect it because it could cause a secondary accident such as falling due to the scattered paper fragments.)	

Precautions in Handling and Storage

Handling : Do not handle it where fire is because it is flammable.
: It is required to prevent from rolling and/or dropping due to its heavy cylindrical shape.
: It may cut your hand due to its sharp cutting section. Ensure to wear cotton work gloves or protection gloves for handling.

Storage : Avoid any condition with fire sources and rain water.

Preventive Measures for Exposure

Administrative Levels		: No settings
Acceptable Concentration		: No settings
Measures for Facility		: Not required
Protective Equipment	Respirator	: Not required
	Protective Glasses	: Not required
	Protective Gloves	: Cotton Work Gloves, etc.
	Protective Suit	: Not required

Physical/Chemical Properties

External Shape	: Paper roll in cylindrical shape		
Boiling Point	: Not applicable	Vapor Pressure: Not applicable	Volatility: Not applicable
Melting Point	: Not applicable	Specific Gravity or High Specific Gravity: 0.5-0.8	
Initial Boiling Point	: Not applicable	Solubility (water): Insoluble	Others: No data

Hazard Information (stability, reactivity)

Flash Point: 230°C Ignition Point: 450°C
Explosion Limit: Not applicable
Flammability: Yes
Ignition Quality: (Pyrophoricity, reactivity with water): None
Oxidation: None
Self-reactivity, Explosibility: None
Dust Explosibility: None
Stability, Reactivity: It is stable that it does not react.
Others: It is stable in ordinary handling.

Toxicity Information (including cases on the human body, and epidemiological information)

The main component, cellulose is not recognized as hazardous to the human body.

Skin Corrosivity: No data
Irritant Property (skin, eyes): No data
Sensitisation: No data
Acute Oral Toxicity (50% lethal dose): No data
Subacute Toxicity: No data
Cancer cases: No data
Mutagenicity (microbes): No data
Reproductive Toxicity: No data
Teratogenesis: No data
Others (including hazardous gas by reacting to water): No data

Environmental Impact Information	Degradability : No data
	Accumulation : No data
	Fish Toxicity : No data
	Others: : No data

Precautions in Disposing	
When Incinerating	: Comply with the disposal method according to the air pollution control, etc.
When Filling in Land	: Outsource to an official waste disposer by providing the clear instructions and description of the content in accordance with the "Waste Management and Public Cleaning Law".
	However, it is recyclable as used paper.

Precautions in Transporting	1. No open flames or other source of ignition due to flammable. 2. Prevent from dropping and/or rolling. 3. Prevent from rain and/or water leak. Do not make any impact to cause deformity and/or scratches on the rolls.
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Applicable Law	The Fire Service Act, designated flammable, flammable solid 3,000 Kg.
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About Chemicals	: With respect to the First Class 462 Substance and the Second Class 100 Substance specified by the Law Concerning Reporting, etc. of Release to the Environment of Specific Chemical Substances and Promoting the Improvements in Their Management, we do not have any intended use of chemical substances applicable to such in terms of manufacturing. When manufacturing the paper, we ensure that all chemicals we use do not contain any of the above substances.
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- The content of this document has been prepared on the basis of the material, information and data available at this time, and will be revised according to a new finding.
 - The precautions are for ordinary handling. If you are to use it in extraordinary handling, ensure to use it by taking safety measures according to the use and purpose.
 - The content of this document is for information only, and does not provide any guarantee.
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