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## Material Safety Data Sheet

Product Name :Vulcanized Fiber

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Manufacture's Name:Hokuetsu Paper Mills.

Address :2-1, Zao 3-Chome, Nagaoka-shi, Niigata-Ken

Tel No. :81-258-24-0630

Preparation Date :April 25th 2001

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### Composition/Ingredients

Cellulose	More than 83%
Phosphorus Compound	Less than 15%
Iron oxide [Fe <sub>2</sub> O <sub>3</sub> ]	Less than 2%
Zinc Chloride [ZnCl <sub>2</sub> ]	Less than 0.05%
Sodium Chloride [NaCl]	Less than 0.001%

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### Hazards Identification

Emergency Overview:Product is a fibre sheet containing no hazardous component and requires no specific caution on handling.

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### First Aid measures

- Eye :Remove by pure water and consult medical personnel.
- Skin :Skin contact dose not cause any problem but in case of problem, consult medical personnel.
- Breathe :Gargle and breathe fresh air.
- Drink :Being vomitted by warm water.
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### Fire Fighting Measures

- Fire :No specific fire fight procedure required.
- Extinguishing Media:Water, Carbon, Chemical and so on.
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### Accidental Release Measures :N/A

(Remove released fibre immediately in order to avoid tumbling down)

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### Handling And Storage

:Avoid to keep/handle at high temperature, humidity and under raining

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### Exposure Controls

- Exposure :No special procedure required.
- Respiratory protection :No special procedure required in normal case.
- Eye protection :Better to use some equipment in any need.
- Skin protection :Better to use some equipment in any need.
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Physical And Chemical Properties

Appearance :Red  
Boiling point :No-Data  
Steaming Pressure :No-Data  
Volatilizing Point :No-Data  
Melting Point :No-Data  
Density :1.1~1.4

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Hazards Information

Flash Point :No-Data  
Ignition Point :No-Data  
Explosive Limit :N/A  
Flammability :Flammable  
Explosion :N/A  
Explosion in dust :No-Data  
Stability :Stable in normal temperature

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Toxicological Information :No-Data

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Ecological Information

Environmental Safety :No-Data  
Degradability :Bio-degradable(Cellulose)  
Bioaccumulation :No-Data  
Fish-Toxicicity :No-Data

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Disposal Consideration

:To keep relative laws legally.

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Transport Information

:Avoid rough-handling and to use some buffers in oder to avoid packing broken.

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Other Information.

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must take independent determines of the stability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

## Material Safety Data Sheet

Product Name :Vulcanized Fiber (Black 0.25mm~2.6mm)

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Manufacture's Name:Hokuetsu Paper Mills.

Address :3-2-1 Zao Nagaoka-shi Niigata-ken JAPAN

Tel No. :+81-258-24-0630

Preparation Date :March 31 2006

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### Composition/Ingredients

Cellulose	More than 99.5%
Carbon [C]	Less than 0.5%
Zinc Chloride [ZnCl <sub>2</sub> ]	Less than 0.05%
Sodium Chloride [NaCl]	Less than 0.001%

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### Hazards Identification

Emergency Overview:Product is a fibre sheet containing no hazardous component and requires no specific caution on handling.

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### First Aid measures

Eye :Remove by pure water and consult medical personnel.

Skin :Skin contact dose not cause any problem but in case of problem, consult medical personnel.

Breathe :Gargle and breathe fresh air.

Drink :Being vomitted by warm water.

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### Fire Fighting Measures

Fire :No specific fire fight procedure required.

Extinguishing Media:Water, Carbon, Chemical and so on.

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### Accidental Release Measures :N/A

(Remove released fibre immediately in order to avoid tumbling down)

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### Handling And Storage

:Avoid to keep/handle at high temperature, humidity and under raining

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### Exposure Controls

Exposure :No special procedure required.

Respiratory protection :No special procedure required in normal case.

Eye protection :Better to use some equipment in any need.

Skin protection :Better to use some equipment in any need.

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Physical And Chemical Properties

Appearance :Black  
Boiling point :No-Data  
Steaming Pressure :No-Data  
Volatilizing Point :No-Data  
Melting Point :No-Data  
Density :1.1~1.4

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Hazards Information

Flash Point :No-Data  
Ignition Point :No-Data  
Explosive Limit :N/A  
Flammability :Flammable  
Explosion :N/A  
Explosion in dust :No-Data  
Stability :Stable in normal temperature

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Toxicological Information :No-Data

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Ecological Information

Environmental Safety :No-Data  
Degradability :Bio-degradable(Cellulose)  
Bioaccumulation :No-Data  
Fish-Toxicicity :No-Data

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Disposal Consideration

:To keep relative laws legally.

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Transport Information

:Avoid rough-handling and to use some buffers in oder to avoid packing broken.

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