

## Safety Data Sheet (SDS)

### Section 1 : Product and Company Identification

**Product Name :** Base Paper White , BPW

<b>Company :</b>	Thai Paper Co., Ltd. 1 Siam Cement Road, Bangsue, Bangkok 10800 Thailand	<b>Emergency Contact :</b> Product Solutions Telephone : +66 2586 1000 Fax. : +66 2586 2070
<b>Website :</b>	<a href="http://www.thaipaper.com">http://www.thaipaper.com</a>	

### Section 2 : Hazard Identification

Appearance and Odor :	The products are odorless.
Primary Health Hazards :	The primary health hazard posed these products is thought to be due to exposure to Paper (Cellulose) dust.
Primary Route(s) of Exposure :	Ingestion : May be harmful if swallowed. Skin : May cause skin irritation. Inhalation : May cause breathing difficulties if inhaled. Eye : May cause eye irritation.
Medical Conditions Generally Aggravated by Exposure :	Paper (Cellulose) dust may aggravate pre-existing respiratory conditions or allergies.
Signs and Symptoms of Exposure :	Acute Health Hazards : Dust may be a mechanical irritant to the eyes. Chronic Health Hazards : Paper (Cellulose) dust is a biologically inert dust that has little or no effect on the lungs and does not produce significant organic disease or toxic effect when allowable exposure limits are met.

### Section 3 : Composition / Information on Ingredients

Composition	Percentage by Weight	CAS Number
Virgin Pulp (Cellulose)	85 - 90	9004-34-6
Calcium Carbonate	5 - 10	471-34-1
Other Chemicals	2 - 5	-

**Section 4 : First-aid Measures**

Ingestion :	No harmful effects expected. Paper products cannot digest. Drink large amount of clean water and consult a physician if the Paper was swallowed in quantity.
Eye Contact :	No harmful effects expected. Dust may mechanically irritate eyes. Flush with plenty of running clean water to remove dust particles. Get medical help if irritation persists.
Skin Contact :	No harmful effects expected. If required, wash with soap and water adequately. Paper edge may be sharp.
Inhalation :	No harmful effects expected. No emergency care is anticipated. If irritation or discomfort occurs, remove individual to fresh air. Get medical help if persistent irritation, severe coughing or breathing difficulty occurs.
Note for Physician :	None

**Section 5 : Firefighting Measures**

Flammability :	Paper is a flammable material,keep away from sources of ignition.
Flash Point (Method Used) :	No apparent flash point.
Autoignition Temperature :	233 degree Celsius / 451 degree Fahrenheit
Explosion Hazard :	None
Extinguishing Media :	Waterspray, Foam, Powder, Carbon Dioxide
Extinguishing Method :	Be sure to stand upwind of the flames and wear protective clothing suitable for firefighting. Quickly clear the surrounding area of any flammable materials.

**Section 6 : Accidental Release Measures**

The product is solid and stable under normal conditions and not subject to accidental release.

**Section 7 : Handling and Storage**

Handling Facilities :	The product should be handled in such a manner that avoids load shifting and damage. The product should be water-proofed in the case that handling is conducted during rain.
Storage Facilities :	Store in adequate ventilation area and no overlapping edges when stacking. Maximum stacking height is 6 meters for paper reels and 5 meters or 3 layers for palletized paper in ream.

**Section 8 : Exposure Controls / Personal Protection****Personal Protective Equipment (PPE) :**

Respiratory Protection :	Not typically applicable for product in purchased form. An approved filtering face piece respirator ("dust mask") is recommended when allowable exposure limits may be exceeded or to provide additional worker comfort.
Eye Protection :	Not typically applicable for product in purchased form. However, goggles or safety glasses are recommended if the product is used in such a way as to generate high dust levels.
Protection Gloves :	Not typically applicable for product in purchased form. Paper edges may be sharp and present a hazard depending on handling.
Other Protective Clothing or Equipment :	Not typically applicable for product in purchased form. Outer garments may be desirable in extremely dusty areas. Paper edges may be sharp and present a hazard depending on handling.
Work / Hygiene Practices :	Keep work area clean.
Ventilation :	Provide general ventilation in processing and storage areas so that exposure limits are met.
Special :	None
Other :	None

**Section 9 : Physical and Chemical Properties**

Physical State : Solid, in sheet form, white in color, odorless

**Section 10 : Stability and Reactivity**

Stability : Stable, Product is stable under normal environmental conditions.

**Section 11 : Toxicological Information**

None available for product in purchased form.

**Section 12 : Ecological Information****Ecotoxicity :**

Acute toxicity / Acute aquatic toxicity : Classification not possible

Chronic toxicity / Chronic aquatic toxicity : Classification not possible

**Other adverse effects :**

Hazardous to ozone layer : Not classifiable

Product is nontoxic. However should be kept out of waterways as it could be ingested by wildlife and eventually fill the stomach of an animal. Product will not degradable biologically and will remain in place until cleaned up.

**Section 13 : Disposal Considerations**

Waste Disposal Method : Recycle where possible. Incineration or dry land disposal is acceptable. It is, however, the user's responsibility to determine at the time of disposal whether your product with all industrial waste disposal laws and must fulfill all related prefectural and municipal regulations.

**Section 14 : Transport Information**

IMDG (International Maritime Dangerous Goods) : Not regulated

IATA (International Air Transport Association) : Not regulated

The product should be transported in such a manner that avoids load shifting and damage due to cargo falling. The product should be water-proofed in the case that transportation is conducted during rain.

**Section 15 : Regulatory Information**

Japan : Industrial Safety and Health Act (ISHA)

European : This product is not classified as hazardous  
(Regulation (EC) No 1907/2006, REACH)

**Section 16 : Other Information**

Shelf Life : 12 months (1 year) since the date of production.

User's Responsibility : The information contained in this Safety Data Sheet is based on the experience of occupational health and safety professionals and comes from sources believed to be accurate or otherwise technically correct. It is the user's responsibility to determine if this information is suitable for their applications and to follow safety precautions as may be necessary.  
The user has the responsibility to make sure that this sheet is the most up-to-date issue.  
Need any further information please contact our company.

## Safety Data Sheet (SDS)

### Section 1 : Product and Company Identification

**Product Name :** FEST-Frozen

<b>Company :</b>	Thai Paper Co., Ltd. 1 Siam Cement Road, Bangsue, Bangkok 10800 Thailand	<b>Emergency Contact :</b> Product Solutions Telephone : +66 2586 1000
<b>Website :</b>	<a href="http://www.thaipaper.com">http://www.thaipaper.com</a>	Fax. : +66 2586 2070

### Section 2 : Hazard Identification

Appearance and Odor :	The products are odorless.
Primary Health Hazards :	The primary health hazard posed these products is thought to be due to exposure to Paper (Cellulose) dust.
Primary Route(s) of Exposure :	<p>Ingestion : May be harmful if swallowed.</p> <p>Skin : May cause skin irritation.</p> <p>Inhalation : May cause breathing difficulties if inhaled.</p> <p>Eye : May cause eye irritation.</p>
Medical Conditions Generally Aggravated by Exposure :	Paper (Cellulose) dust may aggravate pre-existing respiratory conditions or allergies.
Signs and Symptoms of Exposure :	<p>Acute Health Hazards :</p> <p>Dust may be a mechanical irritant to the eyes.</p> <p>Chronic Health Hazards :</p> <p>Paper (Cellulose) dust is a biologically inert dust that has little or no effect on the lungs and does not produce significant organic disease or toxic effect when allowable exposure limits are met.</p>

### Section 3 : Composition / Information on Ingredients

Composition	Percentage by Weight	CAS Number
Virgin Pulp (Cellulose)	81 - 86	9004-34-6
Polyethylene Terephthalate (PET)	6 - 9	25038-59-9
Acrylate emulsion polymers	6 - 7	-
Other Chemicals	1 - 3	-

### Section 4 : First-aid Measures

Ingestion :	No harmful effects expected. Paper products cannot digest. Drink large amount of clean water and consult a physician if the Paper was swallowed in quantity.
Eye Contact :	No harmful effects expected. Dust may mechanically irritate eyes. Flush with plenty of running clean water to remove dust particles. Get medical help if irritation persists.
Skin Contact :	No harmful effects expected. If required, wash with soap and water adequately. Paper edge may be sharp.
Inhalation :	No harmful effects expected. No emergency care is anticipated. If irritation or discomfort occurs, remove individual to fresh air. Get medical help if persistent irritation, severe coughing or breathing difficulty occurs.
Note for Physician :	None

## Section 5 : Firefighting Measures

Flammability :	Paper is a flammable material, keep away from sources of ignition.
Flash Point (Method Used) :	No apparent flash point.
Autoignition Temperature :	233 degree Celsius / 451 degree Fahrenheit
Explosion Hazard :	None
Extinguishing Media :	Waterspray, Foam, Powder, Carbon Dioxide
Extinguishing Method :	Be sure to stand upwind of the flames and wear protective clothing suitable for firefighting. Quickly clear the surrounding area of any flammable materials.

## Section 6 : Accidental Release Measures

The product is solid and stable under normal conditions and not subject to accidental release.

## Section 7 : Handling and Storage

Handling Facilities :	The product should be handled in such a manner that avoids load shifting and damage. The product should be water-proofed in the case that handling is conducted during rain.
Storage Facilities :	Store in adequate ventilation area and no overlapping edges when stacking. Maximum stacking height is 5 cartons.

## Section 8 : Exposure Controls / Personal Protection

## Personal Protective Equipment (PPE) :

Respiratory Protection :	Not typically applicable for product in purchased form. An approved filtering face piece respirator (“dust mask”) is recommended when allowable exposure limits may be exceeded or to provide additional worker comfort.
Eye Protection :	Not typically applicable for product in purchased form. However, goggles or safety glasses are recommended if the product is used in such a way as to generate high dust levels.
Protection Gloves :	Not typically applicable for product in purchased form. Paper edges may be sharp and present a hazard depending on handling.
Other Protective Clothing or Equipment :	Not typically applicable for product in purchased form. Outer garments may be desirable in extremely dusty areas. Paper edges may be sharp and present a hazard depending on handling.
Work / Hygiene Practices :	Keep work area clean.
Ventilation :	Provide general ventilation in processing and storage areas so that exposure limits are met.
Special :	None
Other :	None

## Section 9 : Physical and Chemical Properties

Physical State : Solid, in sheet form, white in color, odorless

## Section 10 : Stability and Reactivity

Stability : Stable, Product is stable under normal environmental conditions.

## Section 11 : Toxicological Information

None available for product in purchased form.

## Section 12 : Ecological Information

### Ecotoxicity :

Acute toxicity / Acute aquatic toxicity : Classification not possible

Chronic toxicity / Chronic aquatic toxicity : Classification not possible

### Other adverse effects :

Hazardous to ozone layer : Not classifiable

Product is nontoxic. However should be kept out of waterways as it could be ingested by wildlife and eventually fill the stomach of an animal. Product will not degradable biologically and will remain in place until cleaned up.

## Section 13 : Disposal Considerations

Waste Disposal Method : Recycle where possible. Incineration or dry land disposal is acceptable. It is, however, the user's responsibility to determine at the time of disposal whether your product with all industrial waste disposal laws and must fulfill all related prefectural and municipal regulations.

## Section 14 : Transport Information

IMDG (International Maritime Dangerous Goods) : Not regulated

IATA (International Air Transport Association) : Not regulated

The product should be transported in such a manner that avoids load shifting and damage due to cargo falling. The product should be water-proofed in the case that transportation is conducted during rain.

## Section 15 : Regulatory Information

Japan : Industrial Safety and Health Act (ISHA)

European : This product is not classified as hazardous

(Regulation (EC) No 1907/2006, REACH)

This product is meet relevant requirements in this regulations

- Regulation (EC) No 1935/2004

- Resolution AP(2002)1

- Directive 94/62/EC

- Regulation (EU) No 10/2011

## Section 16 : Other Information

Shelf Life : 12 months (1 year) since the date of production.

User's Responsibility : The information contained in this Safety Data Sheet is based on the experience of occupational health and safety professionals and comes from sources believed to be accurate or otherwise technically correct. It is the user's responsibility to determine if this information is suitable for their applications and to follow safety precautions as may be necessary.

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Need any further information please contact our company.



## Safety Data Sheet (SDS)

### Section 1 : Product and Company Identification

**Product Name :** Paper Straw

<b>Company :</b>	Thai Paper Co., Ltd. 1 Siam Cement Road, Bangsue, Bangkok 10800 Thailand	<b>Emergency Contact :</b> Product Solutions Telephone : +66 2586 1000
<b>Website :</b>	<a href="http://www.thaipaper.com">http://www.thaipaper.com</a>	Fax. : +66 2586 2070

### Section 2 : Hazard Identification

Appearance and Odor :	The products are odorless.
Primary Health Hazards :	The primary health hazard posed these products is thought to be due to exposure to Paper (Cellulose) dust.
Primary Route(s) of Exposure :	<p>Ingestion : May be harmful if swallowed.</p> <p>Skin : May cause skin irritation.</p> <p>Inhalation : May cause breathing difficulties if inhaled.</p> <p>Eye : May cause eye irritation.</p>
Medical Conditions Generally Aggravated by Exposure :	Paper (Cellulose) dust may aggravate pre-existing respiratory conditions or allergies.
Signs and Symptoms of Exposure :	<p>Acute Health Hazards :</p> <p>Dust may be a mechanical irritant to the eyes.</p> <p>Chronic Health Hazards :</p> <p>Paper (Cellulose) dust is a biologically inert dust that has little or no effect on the lungs and does not produce significant organic disease or toxic effect when allowable exposure limits are met.</p>

### Section 3 : Composition / Information on Ingredients

Composition	Percentage by Weight	CAS Number
Cellulose Pulp	95 - 98	65996-61-4
Rosin Soap	0.8 - 1.0	8050-09-7
PVA Glue	5 - 10	9002-89-5
Other Chemicals	1 - 4	-

### Section 4 : First-aid Measures

Ingestion :	No harmful effects expected. Paper products cannot digest. Drink large amount of clean water and consult a physician if the Paper was swallowed in quantity.
Eye Contact :	No harmful effects expected. Dust may mechanically irritate eyes. Flush with plenty of running clean water to remove dust particles. Get medical help if irritation persists.
Skin Contact :	No harmful effects expected. If required, wash with soap and water adequately. Paper edge may be sharp.
Inhalation :	No harmful effects expected. No emergency care is anticipated. If irritation or discomfort occurs, remove individual to fresh air. Get medical help if persistent irritation, severe coughing or breathing difficulty occurs.
Note for Physician :	None

## Section 5 : Firefighting Measures

Flammability :	Paper is a flammable material, keep away from sources of ignition.
Flash Point (Method Used) :	No apparent flash point.
Autoignition Temperature :	233 degree Celsius / 451 degree Fahrenheit
Explosion Hazard :	None
Extinguishing Media :	Waterspray, Foam, Powder, Carbon Dioxide
Extinguishing Method :	Be sure to stand upwind of the flames and wear protective clothing suitable for firefighting. Quickly clear the surrounding area of any flammable materials.

## Section 6 : Accidental Release Measures

The product is solid and stable under normal conditions and not subject to accidental release.

## Section 7 : Handling and Storage

Handling Facilities :	The product should be handled in such a manner that avoids load shifting and damage. The product should be water-proofed in the case that handling is conducted during rain.
Storage Facilities :	Store in adequate ventilation area and no overlapping edges when stacking. Maximum stacking height is 5 cartons.

## Section 8 : Exposure Controls / Personal Protection

## Personal Protective Equipment (PPE) :

Respiratory Protection :	Not typically applicable for product in purchased form. An approved filtering face piece respirator (“dust mask”) is recommended when allowable exposure limits may be exceeded or to provide additional worker comfort.
Eye Protection :	Not typically applicable for product in purchased form. However, goggles or safety glasses are recommended if the product is used in such a way as to generate high dust levels.
Protection Gloves :	Not typically applicable for product in purchased form. Paper edges may be sharp and present a hazard depending on handling.
Other Protective Clothing or Equipment :	Not typically applicable for product in purchased form. Outer garments may be desirable in extremely dusty areas. Paper edges may be sharp and present a hazard depending on handling.
Work / Hygiene Practices :	Keep work area clean.
Ventilation :	Provide general ventilation in processing and storage areas so that exposure limits are met.
Special :	None
Other :	None

## Section 9 : Physical and Chemical Properties

Physical State : Solid, in tube form, white in color, odorless

## Section 10 : Stability and Reactivity

Stability : Stable, Product is stable under normal environmental conditions.

## Section 11 : Toxicological Information

None available for product in purchased form.

## Section 12 : Ecological Information

### Ecotoxicity :

Acute toxicity / Acute aquatic toxicity : Classification not possible

Chronic toxicity / Chronic aquatic toxicity : Classification not possible

### Other adverse effects :

Hazardous to ozone layer : Not classifiable

Product is nontoxic. However should be kept out of waterways as it could be ingested by wildlife and eventually fill the stomach of an animal. Product will not degradable biologically and will remain in place until cleaned up.

## Section 13 : Disposal Considerations

Waste Disposal Method : Recycle where possible. Incineration or dry land disposal is acceptable. It is, however, the user's responsibility to determine at the time of disposal whether your product with all industrial waste disposal laws and must fulfill all related prefectural and municipal regulations.

## Section 14 : Transport Information

IMDG (International Maritime Dangerous Goods) : Not regulated

IATA (International Air Transport Association) : Not regulated

The product should be transported in such a manner that avoids load shifting and damage due to cargo falling. The product should be water-proofed in the case that transportation is conducted during rain.

## Section 15 : Regulatory Information

Japan : Industrial Safety and Health Act (ISHA)

European : This product is not classified as hazardous  
(Regulation (EC) No 1907/2006, REACH)  
This product is meet relevant requirements in this regulations  
- Regulation (EC) No 1935/2004  
- Resolution AP(2002)1  
- Directive 94/62/EC

## Section 16 : Other Information

Shelf Life : 24 months (2 year) since the date of production.

User's Responsibility : The information contained in this Safety Data Sheet is based on the experience of occupational health and safety professionals and comes from sources believed to be accurate or otherwise technically correct. It is the user's responsibility to determine if this information is suitable for their applications and to follow safety precautions as may be necessary.  
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