



MATERIAL SAFETY DATA SHEET

Siam Kraft Industry Co., Ltd.

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1. PRODUCT IDENTIFICATION

PRODUCT NAME / GRADE KI 125
PRODUCT CATEGORY Kraft-Top Liner
PRODUCT APPLICATION Suitable for liner of corrugated carton
Not intended for direct contact with "Food" and "Pharmaceutical" products

2. HAZARDOUS IDENTIFICATION

Paper is an substance which has been exempted as harzadous by OSHA 1910.1200.
However, subsequent applications such as handling and/or converting could induce the release of paper (cellulose) dust or fibers.

Appearance and Odor : The products are odorless packaging papers.
Primary Health Hazards : May cause allergic contact in dust / paper(cellulose) dust sensitized individuals.
Primary Route (s) of Exposure :
- Skin May cause allergic contact dermatitis in sensitized individuals.
- Inhalation May cause respiratory sensitization and/or irritation.
- Eyes May cause eye irritation.
- Ingestion Not applicable.
Medical Conditions Generally Aggravated by Exposure : Cellulose dust may aggravate pre-existing respiratory conditions or allergies.

WARNING! - Use of protective safety mask / clothing / sleeve / gloves / safety spectacles are recommended especially for dust-sensitized individuals.
- Paper edge may be sharp.

Signs and Symptoms of Exposure :
Acute Health Effects : Dust may be a mechanical irritant to the eyes and may induce some respiratory sensitization such as sneezing, wheezing, coughing.
Chronic Health Effects : 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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	% Approx.	CAS Number
Recycled Pulp	70-75	9004-34-6
Virgin Pulp	20-25	9004-34-6
Starch	<5	9005-25-8
Aluminium Sulfate (Al ₂ (SO ₄) ₃)		10043-01-3
Sizing Agent		Proprietary
Dyes		Proprietary

4. EMERGENCY AND FIRST-AID MEASURES

Skin Contact : No harmful effects expected.

If irritation occur, wash with soap and water adequately.

Remove clothes contaminated with dust. If a rash or persistent irritation or dermatitis occur, get medical attention where applicable.

Avoid to clean with alcohol, because it may induce more irritation.

Inhalation : No harmful effects expected.

If irritation or discomfort occur, remove individual to fresh air

Eye Contact : No harmful effects expected.

Dust may mechanically irritate the eyes.

Flush with plenty of running clean water to remove dust particles.

Get medical help if irritation persists.

Ingestion : No harmful effects expected.

If ingested, drink a large amount of water and consult a physician if has a gastrointestinal disorder.

5. FIRE-FIGHTING MEASURES

FLASH POINT (METHOD USED)..... Not Applicable

FLAMMABLE LIMIT..... Not Applicable

AUTO-IGNITION TEMPERATURE..... Not Applicable

FIRE PREVENTION..... Store in ventilated areas and sufficient distance from high temperature, heat sources, or open flame.

FIRE EXTINGUISH AGENT Waterspray, Fire Extinguisger Foam/Powder, Carbon Dioxide

FIRE / EXPLOSION HAZARD None

6. ACCIDENTAL RELEASE MEASURE

LEAK AND SPILL PROCEDURES..... Not applicable for product in purchased form

7. HANDLING AND STORAGE

STORAGE FACILITIES	Store in adequate ventilated areas and away from heat or ignition sources. Avoid smoking in storage or working areas.
STORAGE CONDITION	No special conditions Avoid excessive humidity Avoid excessive direct sunlight exposure
HANDLING CONDITION	<u>For Ream-paper</u> Imbalance overlap pallet may cause fallen pallet, thus Avoid excessive or imbalance overlap. The number of pallet stacking is not exceed 2 pallets. In term of lift load and lift height as well as the height and the limit weight ability of a storage area for safety handling. <u>For Roll-paper</u> When stacking the roll-paper products, the roll end should be placed levelly in order to avoid roll falling and/or rolling. The number of roll stacking should be appropriate to a clamp lift truck model as well as the height and the limit weight ability of a storage area for safety handling.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Total Dust : $\leq 15 \text{ mg/m}^3$ (reference: OSHA)

PERSONAL PROTECTIVE EQUIPMENTS :

Respiratory Protection : An approved filtering facepiece respirator (“dust mask”) is recommended when allowable exposure limits may be exceeded or to provide additional worker comfort.

Eye Protection : Goggles or safety glasses are recommended if the product is used in such a way as to generate high dust levels.

Skin Protection : Gloves and sleeves are recommended for reduce dust / paper dust contact.
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.

Work/Hygiene Practices : Keep work area clean.

VENTILATION :

Local Exhaust : Provide local exhaust as needed so that exposure limits are met.

Ventilation to control dust should be considered where potential explosive concentrations and ignition sources may be present.

Mechanical (General) : Provide general ventilation in processing and storage areas so that exposure limits are met.

Work in adequate ventilated areas to reduce dust accumulation and for hygienic environment

Special : None

Other : None

9. PHYSICAL PROPERTIES

PHYSICAL FORM Solid
APPEARANCE SHADE Bright brown

10. STABILITY AND REACTIVITY

STABILITY..... Stable
CONDITIONS TO AVOID..... Keep away from ignition sources (e.g., heat, sparks, and open flames.)
or high moisture condition.
MATERIALS TO AVOID..... Not Applicable
HAZARDOUS REACTION..... Not Applicable

11. TOXICOLOGY INFORMATION

TOXICITY DATA..... Not Applicable
Not intended for direct contact with "Food"
and "Pharmaceutical" products

12. ECOLOGICAL INFORMATION

ECOLOGICAL DATA..... Not Applicable

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD..... Disposed as trade waste in accordance with local authority guidelines.
The waste paper or discarded paper can be recycled.

14. TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION..... These products are not regulated as dangerous goods.
No special transport requirements are necessary.

15. REGULATORY INFORMATION

REGULATORY DATA..... Not Applicable

16. OTHER INFORMATION

Information and guidance on safety data sheets for these products are made of knowledge and experience in occupational health and safety of the experts and according to reliable sources. It is the responsibility of users themselves to decide whether this information ideal for use and is based on the warnings which is introduced or not. This information is valid at the time of preparation. If implemented, the user must ensure that, this information has been updated to the present and interpret the data correctly.

If any further information is needed, please contact to tel. no.+662 586 1234 Extension.
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