MATERIAL SAFETY DATA SHEET

IVORY PRODUCT

1. IDENTIFICATION

Product Name	: SINAR VANDA HI-BRITE
Generic Name	: Ivory Product
Use of the substance or preparation	: Packaging
Company Identification	: PT Indah Kiat Pulp and Paper Tbk, Karawang Mills Desa Kutanegara, Desa Mulyasejati, Desa Mulyasari, Desa/Kelurahan Kutanegara, Kec. Ciampel, Kab. Karawang, Provinsi Jawa Barat. Kode Pos: 41363.
Emergency contact	: Email: Customer_Service_IKK@app.co.id

2. COMPOSITION / INFORMATION ON INGREDIENTS

Generic Name	CAS#	EINECS#
Cellulose Fiber (C6H10O5)n	9004-34-6	232-674-9
Ground Calcium Carbonate	1317-65-3	315-279-6
Starch Tapioca	9005-25-8	232-686-4
Kaolin	1332-58-7	310-194-1
Styrene Butadiene Latex	9003-55-8	
Alkenyl-succinic anhydride	32072-96-1 / 28777-98-2	

3. HAZARDS IDENTIFICATION

Ivory Board may combust when exposed to open flame.
The primary health hazard is probably due to exposure to dust. 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.

4. FIRST AID MEASURES

Ingestion	: No harmful effects expected. Paper products cannot be digested. Consult a physician if swallowed in quantity.
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 occur, remove individual to fresh air.
Eye Contact	: No harmful effects expected. Dust may mechanically irritate the eyes, resulting in redness or watering. Treat dust in eye as foreign object. If required, flush with clean water.

5. FIRE FIGHTING MEASURES

Flash point	: Not available
Ignition temperature	: Not determined
Unusual fire and explosion hazards	: None
Special firefighting procedure	: Use self-contained breathing apparatus and protective clothing for

	fighting large fires
Special Exposure Hazards arising from the substance	: Fire may produce small amounts of hazardous decomposition products such as Carbon Dioxide, Carbon Monoxide, and unidentified organics
Suitable Extinguishing media	: Use CO_2, foam, dry chemical or water spray
Hazardous decomposition products	: Water or extinguishing media appropriate for surrounding fire e.g CO_2, foam, dry chemicals

6. ACCIDENTAL RELEASE MEASURES

This product is not expected to cause a hazardous situation. Sweep or vacuum paper dust for recovery or disposal. Avoid dusty conditions and provide general ventilation. Spill containment is not an issue. See section 14 for disposal information.

7. SAFE HANDLING AND STORAGE

Handling :

Better use goggles and hand gloves while cutting the plastic band. Avoid any damage to the paper when using sharp edged tools, forklift, and etc

Storage :

The storage should be clean and good ventilation. Maximum shelf life is a year. Keep away from heat and open flame.

Specific :

Reference Temperature and Humidity

73.4 ± 1.80 F (23 ± 10 C) and 50 ± 2% RH (Preferred Atmosphere)

80.6 ± 1.80 F (27 ± 10 C) and 65 ± 2% RH (Tropical Countries)

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Ventilation system	: Mechanical (general) – Provide general ventilation in processing and storage areas
Personal protection equipment	: Generally, not required. Persons who tend to have allergic skin reactions may wear textile gloves
Protective gloves	: All types are acceptable
Eye protection	: Safety goggles as required
Other protection equipment	: Safety shoes and appropriate lifting equipment are recommended when handling large quantity

9. PHYSICAL AND CHEMICAL PROPERTIES

Apperance	: Solid
Color	: Colorless
Odor	: Odorless
pH	: 6 – 8
Boiling Point	: Not Applicable
Melting Point	: Not Applicable
Flash Point	: Not Applicable
Auto Flammability	: Not Applicable
Explosive Properties	: Not Applicable
Oxidizing Properties	: Not Applicable

Vapor Pressure	: Not Applicable
Partition Coefficient : n-octanol/water	: Not Applicable
Relative Density	: Not Applicable
Solubility (water/solvent)	: Not Applicable
Viscosity	: Not Applicable
Vapour Density	: Not Applicable

10. STABILITY AND REACTIVITY

Exposure Limit Values	: No Relevant Information
Material to Avoid	: Not Necessary
Hazardous Decomposition	: Not Necessary

11. HEALTH HAZARD IDENTIFICATION

Toxic element	: The product does not contain toxic elements of heavy metals prohibited by 2002/95/EC (RoHS).
PBBs & PBDEs	: The product does not contain PBBs and PBDEs prohibited by 2002/95/EC (RoHS).
Effects of single overexposure	: From the available information there is no evidence of adverse effects from overexposure by swallowing, skin absorption, inhalation, skin contact or eye contact.
Effects of overexposure under specific condition	: Exposed to combustion vapors generated at high temperature may result in eye and respiratory tract irritation.

12. TOXICOLOGICAL INFORMATION

The material and ingredients are with our knowledge and experience considered as non-toxic to humans or warm-blooded animals.

13. ECOLOGICAL INFORMATION

This product is not hazardous to air, water, and/or soil.

14. DISPOSAL CONSIDERATIONS

This product is recycling paper accordance with the EUROPEAN PARLIAMENT AND COUNCIL DIRECTIVE 94/62/EC of 20 December 1994 on packaging and packaging waste and the DIRECTIVE 2004/12/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 11 February 2004 amending Directive 94/62/EC on packaging and packaging waste. It can collect and send to mill to be raw material in papermaking process.

This product can be also disposal in land filling or incineration due to it does not contain hazardous waste in accordance with the DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

15. TRANSPORT INFORMATION

This product is not hazardous. No special shipping restriction nor labeling is required.

16. REGULATORY INFORMATION

This product is not dangerous goods related to the regulations: IMDG (sea), ADR (road), RID (rail), and ICAO/IATA (air)

17. OTHER INFORMATION

Further Information

Paperboard is hygroscopic, which is the property of absorbing moisture from the air. It is very susceptible to change dimension stability of paperboard in Relative Humidity (RH). In low relative humidity, the paperboard desorbs moisture to surrounding. It possible causes shrinkage. In high relative humidity, the paperboard absorbs moisture from surrounding. It possible causes swelling. Cross Direction is very sensitive to change. The humidity should be kept between 50-60% RH in printing and paper storage facilities.

Sources of key data

ISO 11093-2:1994(E) Paper and board – testing of cores – Part 2: Conditioning of test samples;

Update History

-