



Enduring Value

ITC- Ltd- PSPD

ITC BHADRACHALAM HOUSE

106, Sardar Patel Road

SECUNDERABAD

TELANGANA – 500 003



Material Safety Data Sheet

1. Product(s): Virgin Grade Products – CARTE LUMINA

MSDS Code: MSDS/SXL/CL/PSPD/BCM/I/004

Product	Manufacturing location	Manufacturer
CARTE LUMINA SXL/CL/PSPD/BCM/004	Unit: Bhadrachalam P.B. No 4 Sarapaka Village TELANGANA 507 128	ITC Limited, Paperboards and Specialty papers Division

2. Major Ingredients/Identity information:

Name	CAS Number	Percent	Compliance
Bleached Fibre (Cellulose)	9000-34-6	70 - 80	USFDA 21CFR 176.170
Rosin Size	8050-09-7	0.5 - 1.0	USFDA 21 CFR 176.170(a) (5)
Talcum Filler	14807-96-6	1 - 2	-
<u>Coating Pigments</u>			
Calcium Carbonate	1317-65-3	5 – 10	USFDA 21CFR 176.170 & 176.180
Kaolin Clay	1332-58-7		
Starch	9005-25-8	4 - 5	USFDA 172.892
Retention Aid	68131-73-7	0.5 - 1.0	USFDA 21CFR 176.170
OBA	12768-92-2	0.5 - 1.0	USFDA 21CFR 176.180 & BGVV XXXVI

3. Hazard Identification:

Appearance and Odour

The Product is a White, Pigment-Coated paperboard, which may impart a characteristic paperboard odour.

Primary Health Hazards

No health hazards in normal handling, as board edges are sharp, chances of injury while handling.

Web/sheet without precaution. Paperboards will burn when contacted with adequate amount of heat and oxygen. They should be kept away from possible sources of flame and fire. It will burn with high heat and will spread fast with thick smoke. Fire can be extinguished by conventional means and with the help of water. In enclosed spaces fire fighter should be provided with positive pressure, self-contained breathing apparatus,

Primary Route(s) of Exposure



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- Ingestion
- Skin



4. Emergency and First Aid Procedures:

Ingestion: Not applicable for product in purchased form.

Eye Contact: Not applicable for product in purchased form.

Skin Contact: Product is essentially non-irritating.

Skin Absorption: None

Inhalation: Not applicable for product in purchased form.

5. Fire and Explosion Data:

Flash Point (Method Used) – Not applicable

Extinguishing Media – Water, CO₂, Dry Chemical.

Auto Ignition temperature – 450-572 Deg °F (232-300 Deg °C)

Special Fire Fighting Procedures – None

6. Accidental Release Measures:

Steps to be taken in case Material Is Released or Spilled -

Not applicable for product in purchased form.

7. Handling and Storage:

Precautions to be taken in handling and storage -

- Suitable material handling equipment only to be used.
- Keep in cool and dry place away from flame.
- Moisture proof packing should not be removed till point of usage.



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8. Exposure Control Measures:

Personal Protective Equipment

Respiratory Protection – Not applicable for product in purchased form.

Protective Gloves – Not applicable for product in purchased form.

Eye Protection – Not applicable for product in purchased form.

Protective Clothing or Equipment - Not applicable for product in purchased form.

9. Physical/Chemical Properties:

Boiling Point (@760 mm Hg)	: NAP
Vapour Pressure (mm Hg)	: NAP
Vapour Density (air =1, 1 atm)	: NAP
Specific Gravity (H ₂ O = 1)	: 0.76
Melting Point	: NAP
Evaporation Rate (Butyl acetate-1)	: NAP
Solubility in Water	: Not Soluble
Surface PH	: 5-6

10. Stability and Reactivity:

CARTE LUMINA is a stable and inert material under normal conditions of storage and use.

11. Toxicological Information:

CARTE LIMINA is suitable for food packaging. CARTE LUMINA confirms to the legislation as per US FDA 176.170 and 176.180 for contact with food products. The levels of Heavy metals are less than 20 ppm in each case and not more than 100 ppm overall.

12. Ecological Information:

Product is made with Elemental chlorine-free pulp.

13. Disposal (Environmentally Safe and Recycle Confirmation) :

The Product is recyclable and can be incinerated for energy recovery.

Waste Disposal Method:

If disposed or discarded in purchased form, incineration or dry land disposal is acceptable. It is However, the user's responsibility to determine at the time of disposal whether the product is Having hazardous waste. Dispose in accordance with federal state and local regulations.



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14. Transport Information:

Not Regulated as Hazardous material.

15. Regulatory Information:

The Product should be tested to the local regulations by the consumer before usage.

16. Other Information:

Product Stewardship:

ITC Limited (PSPD) is an ISO 14001 certified company has a fundamental concern for all who Manufacture, distribute and use its product, and for the environment in which we live. This concern is the basis of our product stewardship philosophy by which we assess the health and environmental information on our products and take appropriate steps to protect employee and public health and our environment. Our product stewardship rest with each and every Individual employed with ITC Limited from the concept and research, to manufacture, use, sale and disposal of the product.

Additional Information

Date Prepared: 28th June 2006

Date Revision 1: 12th November 2010

Date of Revision 2: 15th March 2015

Date of Revision 3: 21th March 2022

Prepared by: Product Development, ITC limited, PSPD

User's Responsibility

The information contained in this Material 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.

LAST REVIEWED: 01/04/2022