PLASKOLITE, LLC.

SAFETY DATA SHEET
Egg Crate Louver

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade Name:	Egg Crate Louver
Other Name(s):	Polystyrene Lighting Sheet
Usage:	Lighting panel
Supplier:	Plaskolite, LLC. 1770 Joyce Avenue, Columbus, Ohio 43219, USA Telephone: 614-294-3281 www.plaskolite.com
Emergency Telephone:	614-294-3281

2. HAZARDS IDENTIFICATION

This material is classified as not hazardous under OSHA regulations. Under normal conditions of use, this product is not expected to create any unusual industrial hazards. Irritating gases/fumes may be given off during burning or thermal decomposition. Contact with hot material will cause thermal burns.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: 100% Polystyrene with 1,3-butadiene polymer [CAS# 9003-55-8]

4. FIRST AID MEASURES

Inhalation:	Move subject to fresh air.
Skin Contact:	If molten material contacts skin, cool rapidly with cold water and obtain medical attention for thermal burn.
Eye Contact:	Flush eyes with plenty of water for at least 15 minutes. Call a physician.
Ingestion:	This material is not expected to be absorbed within the gastrointestinal tract, so induction of vomiting should not be necessary.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Carbon dioxide, dry chemical, water
Specific Fire Hazards:	This product is combustible thermoplastic material that burns vigorously with intense heat.
Special Protective Equipment & Precaution for Fire Fighters:	Wear a self-contained breathing apparatus and chemical protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precaution:	Provide adequate ventilation. Wear personal protection equipment. Do not breathe dust.

Environmental Precaution: Do not allow to penetrate into soil, waterbodies or drains.

Methods for Cleaning Up: Avoid generation of dust. Remove all sources of ignition. Sweep or scoop up into closed containers for disposal.

7. HANDLING AND STORAGE

Max. Storage Temperature: 194°F (90°C) approx.

Handling: Ensure appropriate exhaust and ventilation at places where dust can be generated. Avoid dust formation, and accumulation of static charges. Prohibit sources of spark and ignition, such as smoking.

Storage: If this material is stored under ambient temperature conditions, it is not hazardous. However, extensive storing at higher than the maximum temperature will emit vapors, carbon monoxide or carbon dioxide.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: Not applicable

Ventilation Measures: Provide good ventilation and/or an exhaust system in the work area.

Respiratory Protection: None required under normal conditions.

Hand Protection: Canvas or cotton gloves.

Eye Protection: Safety glasses with side shields (ANSI Z87.1 equivalent).

Skin & Body Protection: Wear suitable protective clothing and boots.

Other Protective Measures: Avoid contact of molten material with skin. Do not inhale dust particles or vapors. Keep away from sources of ignition. Wash hands before breaks and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid
Color:	Clear to opaque
Odor:	Not applicable
pH:	Not applicable
Melting Point:	220°F (104°C)
Boiling Point:	Not available
Decomposition Temperature:	Not available
Flash Point:	650°F (340°C)
Auto-ignition Temperature:	910°F (490°C)
Explosion Limits:	Not applicable
Evaporation Rate:	Not applicable
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Relative Density:	1.02 - 1.05
Solubility:	Insoluble

10. STABILITY AND REACTIVITY

Stability:	Stable. Hazardous polymerization does not occur.
Conditions to Avoid:	Protect from excessive heat. Keep away from sources of ignition and heat. Avoid dust formation.
Materials to Avoid:	None known
Hazardous Decomposition Products:	Thermal decomposition or combustion may emit vapors, carbon monoxide, or carbon dioxide.

11. TOXICOLOGICAL INFORMATION

This product should not be harmful under normal conditions of use.

Inhalation:	Unlikely to be harmful by inhalation under ambient temperature.
Skin Contact:	Possible skin irritation under prolonged contact. Contact with molten material can result in burns.
Ingestion:	Low hazard associated with normal conditions.
Eye Contact:	Vapors from heated product can irritate the eyes.
Carcinogenity:	Non-carcinogenic

12. ECOLOGICAL INFORMATION

This product is a solid, inert product with low volatility, and is essentially insoluble in water.

Ecotoxicity:	This product should have low toxicity to aquatic and terrestrial organisms.
Mobility:	Due to the solid nature of this product, it should have low mobility in soil.
Persistence & Degradability:	This product is non-biodegradable.
Bioaccumulation:	This solid product has a low potential for bioaccumulation.
Effect in Sewage Plants:	May be separated mechanically.

13. DISPOSAL CONSIDERATIONS

Waste disposal should be in accordance with all federal, state and local environmental laws and regulations.

14. TRANSPORT INFORMATION

Not subject to national and international regulations on the transport of dangerous goods.

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15. REGULATORY INFORMATION

OSHA Hazard Communication:	Non-hazardous
Toxic Substances Control Act:	Listed
CERCLA Hazardous Substances (40 CFR 302):	None
SARA Section 311/312:	Non-hazardous
SARA Section 302 Extremely Hazardous Substances (40 CFR 355, Appendix A):	None
SARA Section 313 Toxic Chemicals (40 CFR 372.65):	None
RCRA Hazardous Wastes (40 CFR 261):	When this product becomes a waste, it is identified as a solid but NOT hazardous waste under RCRA criteria (40 CFR Part 261).
Canadian WHMIS:	None

16. OTHER INFORMATION

HMIS Rating: Health = 1 Flammability = 0 Physical Hazard = 0

SDS Prepared By: Plaskolite Environmental, Health & Safety
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The information presented herein is believed to be factual and reliable. It is offered in good faith, but without guarantee, since conditions and methods for the use of our products are beyond our control. We recommend that the prospective user determine the suitability of our products and these suggestions before adopting them on a commercial scale.