

## Safety Data Sheet for CoreLite PET

According to OSHA 29 CFR 1910.1200

Last Revised: June 13, 2016

Section 1	Identification
	CoreLite PET
	Recommended Use: Core material for composite sandwich construction
	Company Identification: CoreLite 1060 E. 30 St. Miami, FL 33013 USA Tel +1 (305) 921-4292 Fax +1 (214) 905-4365
Section 2	Hazards Identification
	Polyethylene Terephthalate is deemed non-hazardous as defined by OSHA Hazard Communication Standard (29 CFR 1910.1200). However, heating the polymer to the melting point may release a small amount of acetaldehyde from degradation. Burning the polymer may produce carbon monoxide and oxides of antimony
Section 3	Composition/ Information on Ingredients
	Polyethylene Terephthalate (PET) (CAS No. 25038-59-9), Nucleating Masterbatch (CAS No. 25053-09-2), Antioxidant Masterbatch, Cyclopentane (C <sub>5</sub> H <sub>10</sub> ) (CAS No. 287-92-3)
Section 4	First-Aid Measures
Inhalation	Evacuate individual to an area with fresh air. If difficulty in breathing persists, administer oxygen. If breathing stops or asphyxia is apparent, administer CPR and call for emergency assistance.
Skin Contact	Flush with water or wash with soap and water. Do not blow off dust with compressed air. Seek medical attention if reaction occurs.
Eye Contact	Flush eye, both upper and lower lid, with water. Seek medical attention if irritation persists.
Ingestion	Drink water. If large quantities are ingested and symptoms develop, seek medical attention.

## Section 5 Fire-fighting Measures

Hazards:	Material will burn. Toxic gases include carbon monoxide, ammonia, traces of hydrogen cyanide and aldehydes.
Extinguishing Media	If stored or in-place PET foam should ignite, extinguish fire immediately by drenching with water spray from a fire hose. For small fires, use water spray, foam, carbon dioxide, or dry chemical extinguishers.
Protective equipment:	Wear positive pressure self-contained breathing apparatus and protective turnout clothing. Protect all indoor bun and sheet storage areas with fusible sprinklers. Maintain a minimum clearance of six feet between tops of foam and sprinkler heads.

## Section 6 Accidental Release Measures

No special measures required

## Section 7 Handling and Storage

Handling:	Avoid generation or accumulation of dust. Protective equipment must be used if dust is created. Provide general and/or local exhaust ventilation to control airborne level.
Storage:	Product should be stored in a cool, dry location. Store away from open flame, heat sources or other dangerous sources of ignition.

## Section 8 Exposure Controls/Personal Protection

Exposure Limit Values (for particles):	<b>Polyethylene Terephthalate</b> (CAS No. 25038-59-9) Contains no substances with occupational exposure limits.
Exposure Controls:	Whenever use of the product results in creation of dust, dust collection units (mechanical or vacuum) are recommended to prevent the potential accumulation of airborne dust clouds and to decrease inhalation exposures. In addition, individual use of a dust/mist respirator with NIOSH/MSMA (TC-21C-132) approval, eye protection, gloves, and clothing covering the arms and legs are recommended.

## Section 9 Physical and Chemical Properties

Appearance:	Rigid cellular plastic
Specific Gravity:	1.1
Physical State:	Solid
Melting Point:	246°C (475°F) - 255°C (491°F)

## Section 10 Stability and Reactivity

Stability	Stable under normal conditions and working temperatures.
Reactivity	Hazardous polymerization will not occur.
Other	Dangerous decomposition products include cyclopentane, carbon monoxide, aldehyde, and Hydrogen chloride, carbon monoxide, and possible traces of halogen acids and nitrogen oxides evolve under fire conditions.

## Section 10 Toxicological Information

Toxicological Tests:	None performed
Skin Contact:	May cause itching or allergic reaction in sensitive Persons after pro-longed exposure. However, with the appropriate protective equipment, no information available to us suggests that any medical condition might be aggravated by exposure to this product.
Eye Contact:	Dust may cause irritation, redness, tearing
Inhalation:	Dust may cause irritation of respiratory tract. Inhalation of excessive dust from product can cause asphyxiation due to coating of lung tissue; may cause nasal dryness, irritation and obstruction; coughing, sneezing may occur. Repeated excessive exposures to dusts may cause respiratory irritation and possibly other respiratory effects. In laboratory animals, repeated inhalation exposure to concentrations of 8000 PPM produced no adverse affects; higher concentrations produced only minor biochemical changes such as an increase in cholesterol.
Ingestion:	Not likely to occur. No known adverse effects.

## Section 12 Ecological Information

Ecotoxicity	No data available
Mobility	Not soluble in water. Keep out of sewage/drainage systems and waterways.
Persistence and degradability	Not biodegradable

## Section 13 Disposal Considerations

Disposal should be in accordance with existing federal and local regulations. Recycle, incinerate or bury in a approved landfill according to local, state and federal regulations.

**Section 14 Transport information**

Road	No restrictions
Rail	No restrictions
Air	No restrictions
Sea	No restrictions

**Section 15 Regulatory Information**

In compliance with TSCA Inventory requirements for commercial purposes. Not a WHMIS controlled product.

**Section 16 Other information**

The information contained herein is based on data considered to be accurate. While the information is believed to be reliable, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Since the use of this information and the conditions and use of this product are controlled by the user, it is the user's obligation to determine the conditions for safe use of this product.

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