

# CoreLite® PVC

## Safety Data Sheet for CoreLite PVC

According to OSHA 29 CFR 1910.1200(g)

Last Revised: June 8, 2016

### Section 1 Identification

CoreLite PVC Foam 40, 48, 60, 80, 100, 130, 200, 250

Recommended Use: Core material for composite sandwich construction

Company Identification: CoreLite, Inc.  
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### Section 2 Hazards Identification

Product contains no hazardous ingredients per 29 CFR 1910.1200. However processing this product (cutting, sanding, milling, routing, drilling) may result in airborne particles of the product.

### Section 3 Composition/ Information on Ingredients

Polymerized cross-linked aromatic PVC foam

### 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. Prolonged exposure may cause itching. 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:	Product will burn when ignited and may smolder unless doused with water.
Extinguishing Media	Water, Water-fog, Foam, Carbon Dioxide, dry chemical extinguishing powder. Do not use direct water jet.
Protective equipment:	Self-contained breathing apparatus and protective clothing should be worn during a sustained fire.

**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.

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):    **Dust Particles**  
MAC: 10mg/m<sup>3</sup>  
**Vapors**  
Tetramethylsuccinonitrate, Methacrylnitrite  
MAC: 3mg/m<sup>3</sup>

Exposure Controls:                    Whenever use of the product results in creation of dust, such as during sawing, milling, grinding, or sanding, dust collection units (mechanical or vacuum) are recommended to prevent the potential accumulation of explosive 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:                    Polymer foam sheet, visible cell structure, various colors

Glass Transition Temperature:                    149-176°F (65 - 80°C)

Decomposition Temperature:                    > 428°F (220°C)

Flash Ignition Temperature:                    716°F (380°C)

Density:                    1.8 - 21.8lb/ft<sup>3</sup> (30-350kg/m<sup>3</sup>)

Solubility:                    Soluble: Aromatic hydrocarbons, Ketones, Chlorinated Hydrocarbons  
Insoluble: Water, Acids, Alkalis, Aliphatic Hydrocarbons

**Section 10 Stability and Reactivity**

Stability Stable under normal conditions and working temperatures.

Other Dangerous decomposition products include Tetramethylsuccinonitrile, Methacrylnitrite, Isobutyronitrile, Hydrogen Chloride, Hydrogen Cyanide, Carbon Monoxide, Carbon Dioxide.

**Section 10 Toxicological Information**

Toxicological Tests: None performed

Skin Contact: May cause itching or allergic reaction in sensitive Persons after pro-longed exposure.

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.

Ingestion: Not likely to occur. No known adverse effects.

**Section 12 Ecological Information**

Ecotoxicity < 100ppm heavy metals

Mobility Not soluble in water, not likely to effect groundwater

Persistence and degradability Not biodegradable

**Section 13 Disposal Considerations**

Disposal should be in accordance with existing federal and local regulations. Waste residues can be incinerated in a plant equipped with flue gas washing.

**Section 14 Transport information**

Road No restrictions

Rail No restrictions

Air No restrictions

Sea No restrictions

**Section 15 Regulatory Information**

None additional to be reported.

## 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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