

**Section 1: Identification**

- Manufacturer: Empire West Inc., PO Box 511 Graton CA 95444 USA
- Phone: 1-877-492-5605
- Website: www.ceilume.com/pro
- Email: pro@ceilume.com
- Use: ceiling panels and tiles

**Section 2: Hazard Identification**

NFPA 740: Fire – 1, Health – 0, Reactivity – 0, Specific Hazard – None

Fire Hazard:



- Flame Class V-0 (self-extinguishing) per UL 94 *Standard for Safety of Flammability of Plastic Materials for Parts in Devices and Appliances.*
- Class A surface burning characteristics (flame spread <25, smoke generated <450) per ASTM E84 *Standard Test Method for Surface Burning Characteristics of Building Materials* and CAN/ULC-S102 *Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies.*
- Products of combustion: carbon dioxide, carbon monoxide, hydrogen chloride, smoke, and soot.

**Section 3: Composition**

Component	CAS No.	Percent	OSHA PEL
Rigid, unplasticized PVC (uPVC)	9002-86-2	80 – 85%	5 mg/m3 (respirable dust)
Proprietary	Mixture	15 – 20%	Not established

Material *does not contain* phthalates, plasticizers, lead, or other heavy metals.

**Section 4: First-Aid Measures**

Normal industrial first aid is generally sufficient for the types of injuries that may occur during handling.

**Section 5: Fire-Fighting Measures**

- Remove source of ignition.

- Extinguishing media: dry chemical, foam water, or carbon dioxide.
- Use self-contained breathing apparatus and protective clothing.

#### Section 6: Accidental Release Measures

- Scraps: collect by hand or sweeping.
- Dust: collect by vacuuming.



#### Section 7: Handling and Storage

- Protect from sources of ignition.
- Store indoors and away from direct sunlight and temperatures greater than 100°F (39°C).
- To a practical extent, cut material with sharp knife, scissors, or shears. Cutting with saw or drill produces dust; cutting with hot wire produces products of combustion.

#### Section 8: Exposure Controls/Personal Protection

- Hand protection: use when cutting with sharp tools.
- Eye protection: use when sawing or drilling and when installing overhead.
- Ventilation or respirator: use when cutting with hot wire or if excessive dust is produced.

#### Section 9: Physical and Chemical Properties

- Appearance: thermoformed into a variety of decorative styles.
- Color: opaque white and colors, translucent or clear, or with a printed decorative laminate.
- Thickness: 0.013 or 0.030 inches (0.3 to 0.8 mm) thick
- Mass: approximately 0.10 to 0.20 lb/ft<sup>2</sup> (0.5 to 1.1 kg/m<sup>2</sup>)
- Flash-ignition: approximately 730°F (390°C)
- Self-ignition: approximately 840°F (450°C)

#### Section 10: Stability and Reactivity

Stable and nonreactive under conditions normally found in buildings.

### **Section 11: Toxicological Information**

Dust and products of combustion can cause respiratory and eye irritation.

### **Section 12: Ecological Information**

- Greenguard Gold Certified for low-volatile organic compound (VOC) emissions.
- If not properly disposed of after use, long-term exposure to weathering may release plastic particles into environment.

### **Section 13: Disposal Considerations**

Recyclable within many community curbside-recycling programs as a Type 3 plastic resin. In addition, manufacturer will take-back scrap for recycling.

### **Section 14: Transport Information**

No known restrictions.

### **Section 15: Regulatory Information**

Approvals and listings for use in building construction include:

- California State Fire Marshal Listing 2200-1622:100
- CertMark International Evaluation Report 31001
- FM Global Class Number 4651
- IAPMO-UES Evaluation Report 310
- UL BLME.R4036

### **Section 16: Other Information**

**DISCLAIMER:** This Safety Data Sheet is applicable only when material is used in accordance with the manufacturer's written recommendations; see manufacturer's product literature. Additional safety precautions may be required; user is responsible for making their own determination as to the safe and proper handling of material in their own particular use. **NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY, OR ANY OTHER WARRANT, EXPRESSED OR IMPLIED, IS MADE CONCERNING INFORMATION.**

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