

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/m ³ (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/ft² (0.5 to 1.1 kg/m²)
- 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 WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING INFORMATION.

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