

MATERIAL SAFETY DATA SHEET



Common Name: aeCore Decorative Laminate

1. Supplier:

Kerno, LLC
20958 Sheridan Street
Fort Lauderdale, FL 33332
1-844-6058198

2. Manufacturer

Kerno, LLC
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Fort Lauderdale, FL 33332
1-844-6058198

3. Material Uses: Decorative Laminate

4. Composition

Our aeCore® laminate is based on polyvinyl chloride, modifier, additives, primer, phthalate free plasticizer (applies only to printed patterns) and lacquer. (Details in technical data sheet)

REACH-relevant information (in accordance to Article 33 of the REACH regulation):

Our aeCore® laminate **does not contain**, in a concentration above 0.1% (w/w), any of the substances included on the candidate list (status: January 13, 2010) set out according to article 59 (1.10) of the REACH regulation.

We provide this product information on the basis of our current knowledge and experience and can neither give any warranty nor assume any responsibility for factors outside our control or knowledge.

5. Physical Properties

- Form: Rigid Laminate
- Odour: Slight and typical characteristic odour
- Explosive limits: None, (Refers to Fire Fighting chapter No.9)

- Density: ~ 1,35 - 1,40 g/cm³
- Solubility in water (20°C): Not soluble

6. Stability and Reactivity

Dangerous reactions: None

Thermal decomposition: None, under normal conditions of use.

In not suitable processing conditions, a thermal decomposition cannot be excluded.

Thermal decomposition may produce the following: carbon monoxide, carbon dioxide, Hydrogen Chloride, Nitrogen oxides, flammable mixtures.

7. Hazards Identification

Description of hazards: No hazards under conditions of use according to purpose.

Special hazards for human beings and environment:

No hazards under normal conditions of use

8. First-Aid Measures

Skin Contact: Solid sheet may be abrasive to, or cut skin. Fabrication operations such as milling, cutting, grinding, etc., may produce chips that may be irritating. If irritation persists, seek medical attention.

Eye Contact: No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce chips that may be irritating. For chips, flush eyes with water. If irritation persists, seek medical attention.

Ingestion: Not an expected route of entry with normal use of product.

9. Fire Fighting Measures

Extinguishing means:

Water, foam, CO₂, dry extinguishing agents

Special hazards:

Under fire conditions, fumes can contain carbon monoxide (CO), carbon dioxide (CO₂), water Vapor, and also hydrogen chloride (HCl).

Explosive mixtures can arise due to decomposition.

Personal protective equipment:

In case of fire, a breathing protection with combination filter and rubber boots are to be worn. In case of high concentration of fumes, a self-contained breathing apparatus is to be used

10. Storage

In order to keep the properties of the laminate, it is advised to store it cool and dry in closed rooms.

Do not expose directly to sun radiation and heat-sources.

11. Exposure Controls / Personal Protection

Protective gloves - Gloves suitable for protection against cuts and abrasions from sharp edges are recommended.

Eye protection - Wear safety goggles during fabrication operations that produce chips or fine particulates.

12. Toxicological Information

Toxicity to Animals: This product has not been tested for animal effects. This product is not expected to be toxic to animals.

Toxicity to Humans: This product has not been tested for human effects. This product is not expected to be toxic to humans.

13. Ecological Information

Product is not soluble in water

Under adequate handling conditions, no negative effects on the environment and no hazards have been reported.

14. Disposable Information

Product:

Recycling is possible: talk to Recycling-companies.

Recommendation for disposal: can be disposed with household waste, in accordance with Federal, State and local regulations.

Waste code: EAK-No. 170203 (plastic)

15. Regulatory Information

Labelling:

Labelling according to EC-regulation:

No labelling is necessary

Labelling according to hazardous material regulation:

No labelling is necessary

Water hazard classification:

Not water hazardous
(Self-assessment)

16. Transportation Regulation

DOT: Not Regulated

Prepared by: Kerno, LLC

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for his own particular use.

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