

### 1 Product and Company Identification

**Product Name:** Sonae Industria Laminates, Surforma® brand (All Grades and Thicknesses)

**Trade name:** High Pressure Decorative Laminate

**Relevant identified uses:** Decorative Laminates

Coating substrates such as chipboard or MDF to use as floors, wall claddings and other surfaces and furniture components.

**Manufacturer:**

SONAE INDUSTRIA DE REVESTIMENTOS S.A.  
Lugar do ESPIDO  
Apartado 1129  
4471-909 Maia – Portugal  
Tel. 22 010 63 00

**Supplier:**

TAFISA CANADA  
4660, Villeneuve  
Lac-Mégantic  
Québec, Canada G6B 2C3  
Tel: (819) 583-2930

**In case of emergency contact:**

- **Company:** + 1 (819) 583-3014, ext 333 – security 24 hours  
+ 1 (819) 583-2930 – front desk 8am to 5pm

**Or call your local Emergency Health Services Center**

### 2 Hazards Identification

**Globally Harmonized System Of Classification and Labelling of Chemicals (GHS):**

GHS Classification: Not classified. Material is classified as non-hazardous article

GHS Signal Words with Hazard and Precautionary Statements: Not Applicable

GHS Pictograms: Not applicable

**Precautionary Statements:**

No known hazards for material as supplied. During fabrication operations such as sawing, sanding, drilling, routing, cutting etc. dust consisting of cured resin, paper fiber and minute amounts of formaldehyde are generated at the point of operation. Formaldehyde may be released in minute but detectable amounts when material is shipped or stored in bulk quantities.

**Potential Health effects:**

Sanding, sawing, drilling, routing, etc. of this material may generate airborne nuisance dust. This dust may cause eye, nose, skin, and upper respiratory tract irritation. Asthmatic conditions may be aggravated by the dust generated.

Use of appropriate personal protection and/or engineering controls (such as local exhaust ventilation) should be employed whenever sanding, sawing, drilling, routing, etc. of this material.

### 3 Composition / information on ingredients

Name	CAS#	% by weight
Paper / Cellulose Fiber	9004-34-6	60 – 70
Cured Thermosetting Resins	proprietary	30 – 40

### 4 First Aid Measures

<b>Inhalation:</b>	No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or chips that may be irritating or harmful if inhaled. Remove from exposure to fresh air. If irritation persists, seek medical attention.
<b>Skin Contact:</b>	Solid sheet may be abrasive to, or cut skin. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or chips that may be irritating. Wash with soap and water. If irritation persists, seek medical attention.
<b>Eye Contact:</b>	No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or chips that may be irritating. Rinse eyes with water. If irritation persists, seek medical attention.
<b>Ingestion:</b>	Not an expected route of entry with normal use of product. Treat symptomatically and supportively if dust is ingested.

### 5 Fire-fighting measures

<b>Flash Point:</b>	Not Applicable
<b>Flash Point Method:</b>	Not Applicable
<b>Auto ignition Temp.:</b>	Not Available
<b>Burning Rate:</b>	Not Available

Use extinguishing media appropriate for surrounding fire.

Wear fire protective equipment appropriate for the surrounding fire.

Hazardous products of combustion include various oxides of carbon and nitrogen, ammonia and formaldehyde.

**Suitable extinguishing agents:** Use water spray, carbon dioxide or dry chemical foam to extinguish flames

**Advice for fire-fighting:** Combustion products may be irritating to eyes, skin and the respiratory tract. Avoid breathing smoke. The use of respiratory protective equipment may be necessary, such as self-contained breathing apparatus and full fire-fighting turnout gear

**Unusual Fire and Explosion Hazards:** Product as sold does not present an explosion hazard. Finely divided dust generated by fabrication operations such as milling, cutting, grinding, etc., can create an explosion hazard if the airborne dust concentration exceeds 900 grams per cubic meter and it contacts an ignition source greater than 8 Joules (*a person standing in a uniformly dispersed dust cloud of 50 grams per cubic meter will not be able to see his/her outstretched hand*). Safety precautions and proper ventilation as recommended by NFPA-68 for Class ST-1 dusts should be followed to prevent this or any Class ST-1 dust from presenting an explosion hazard.

## 6 Measures for Accidental Release

**Personal Precautions:** Material is non-hazardous as supplied. Review personal protection measures in Section 8.

**Environmental Precautions:** None.

**Methods for Clean-up:** Recover undamaged materials for reuse or reclamation. Sweep or pick up scrap material and place in disposal containers.

## 7 Handling and Storage

**Handling:** No specific usage precautions required. Follow normal good hygiene practices. It is recommended to use gloves against mechanical actions in the handling of HPL

**Advice for protection against explosions and fires:** Not applicable

**Storage:** Store in a dry well-ventilated area. Keep away from strong chemicals, solvents and excessive heat. Prolonged or extreme heat can cause damage to the surface. Trace amounts of formaldehyde may be released when laminate is shipped or stored.

## 8 Exposure controls / personal protection

<b>Exposure Guidelines:</b>	<b>OSHA PEL</b> 15mg/m <sup>3</sup> Total Dust 5mg/m <sup>3</sup> Respirable <b>ACGIH</b> TWA 10mg/m <sup>3</sup>
<b>Engineering Controls:</b>	Provide adequate ventilation to maintain exposure levels below applicable limits. The use of local exhaust ventilation is recommended during fabrication work. Dust generated is a Class ST-1 dust and precautions recommended by NFPA-68 should be followed.
<b>Eye/face Protection:</b>	Wear safety glasses when sawing, sanding, drilling or routing.
<b>Skin Protection:</b>	Wear appropriate gloves when installing, transporting, sawing, cutting, drilling, routing or handling uninstalled pieces.
<b>Foot Protection:</b>	No special protection required.
<b>Respiratory Protection:</b>	Where airborne concentrations of dust are expected to exceed the allowable exposures, a NIOSH-approved respirator should be worn, chosen based on the form and concentration of the contaminant. Respirator usage must be in accordance with the OSHA Respiratory Protection Standard, 29 CFR 1910.134

## 9 Physical and chemical properties

### Physical State:

	Solid Decorative sheet product
<b>Color:</b>	According to product specification
<b>Odor:</b>	None
<b>PH value:</b>	Not applicable
<b>Melting point / Melting range:</b>	Not applicable
<b>Boiling point / Boiling range:</b>	not applicable
<b>Ignition temperature:</b>	Approx. 400 °C
<b>Decomposition Temperature:</b>	Not applicable
<b>Auto flammability:</b>	The product itself does not flash
<b>Danger of explosion:</b>	Not applicable
<b>Calorific power:</b>	18-20 MJ / Kg
<b>Solubility:</b>	Not soluble
<b>Volatile Organic Compound (VOC) content, %</b>	VOC release is extremely low
<b>Density:</b>	≥ 1,35 g/cm <sup>3</sup>

## 10 Stability and reactivity

**Stability:** Stable

**Conditions to Avoid:** Avoid exposing to oxidizers, strong chemicals, alkaline solutions and solvents.

**Incompatible Materials:** Avoid strong acids and alkaline solutions which will damage the surface appearance of the material. If spills occur, remove immediately from the material.

**Hazardous Decomposition Products:** Thermal decomposition product may include various oxides of carbon and nitrogen may be released.

**Hazardous Polymerization:** Will not occur

## 11 Toxicological information

Laminates are considered inert articles. No toxic effects are expected to animals and humans from normal use or disposal.

### Acute effects

**Oral, Dermal, Inhalation:** Solid article, not expected to be toxic

### Chronic effects

**Mutagenicity, Carcinogenicity, Reproductive toxicity:** No data for product.

## 12 ecological information

Laminates are considered inert articles. No adverse environmental toxic effects are expected from normal use or disposal.

**Eco toxicity:** No data for product. Not expected to be eco toxic. **BOD5 and COD:** No data for product.

**Biodegradable / OECD:** No data for product **Mobility:** No data for product

**Toxicity of the Products of Biodegradation:** No data for product

**Special Remarks on the Products of Biodegradation:** Not Applicable

## 13 Disposal Considerations

Material is non-hazardous and no special treatment is required for disposal. Dispose of in accordance with Federal, State, and local regulations. Energy can be valued in authorized incinerators.

## 14 Transport Information

**Restrictions:** None known.

**DOT Requirements:** Not a DOT controlled material (United States).

**ADR Requirements:** Not an ADR controlled material (Europe).

**IMDG Requirements:** Not an IMDG controlled material.

**IATA Requirements:** Not an IATA controlled material.

**Marine Pollutant:** Not expected to be a marine pollutant

## 15 Regulatory information

### ***Regulations / legislation specific for the substance or mixture on health, safety and environment***

The HPL are classified as non-hazardous product.

The HPL comply with the requirements of European Standard EN 438 and American Standard NEMA LD3

## 16 Other information

### **Acronyms:**

ADR – Agreement on Dangerous Goods by Road (Europe)

ACGIH - American Conference of Governmental Industrial Hygienists -

ASTM - American Society for Testing and Materials

BOD5 – Biological Oxygen Demand in 5 days

CAS – Chemical Abstracts Service Registry Number

DOT - Department of Transportation

IARC - International Agency for Research on Cancer  
IATA - International Air Transport Association  
NEMA – National Electrical Manufacturers Association  
NFPA - National Fire Protection Agency (USA)  
NIOSH - National Institute of Occupational Safety and Health  
NTP - National Toxicology Program  
OSHA - Occupational Safety and Health Administration  
PEL - Permissible Exposure Limit  
TLV - Threshold Limit Value  
TSCA = Toxic Substance Control Act  
TWA = Time Weighted Average  
Mg/m<sup>3</sup> = Milligrams per Cubic Meter of Air

#### **Notice to Reader**

To the best of our knowledge, the information contained herein is accurate and have been compiled from sources believed to be accurate. All information contained herein is offered for your consideration, information, investigation and verification. However, neither the above named manufacturer nor any of its subsidiaries assumes any liability whatsoever for accuracy or completeness of the information contained herein.

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.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.