MATERIAL SAFETY DATA SHEET
HIGH PRESSURE LAMINATE
GENERAL DECORATIVE LAMINATE

Section I – Product information

**Product Name:** FORMPLAC® High Pressure Decorative Laminate.

**Chemical Name:** Laminated Plastic.

**Material Uses:** Decorative Laminates.

**Manufacturer:** Formiline Indústria de Laminados Ltda.

**Address:** Estrada Portão do Honda, 120
Rio Abaixo – Suzano – São Paulo – Brazil.
Zip Code: 08694 – 080
Information Phone: 55 11 4741 6304

Section II – Product information on Ingredients

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS #</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper Fiber</td>
<td>9004-34-6</td>
<td>25 – 80 %</td>
</tr>
<tr>
<td>Formaldehyde Resins</td>
<td>Not available</td>
<td>10 – 60 %</td>
</tr>
</tbody>
</table>

Section III – Hazards Identification

**Physical State and appearance:** Solid.

**Emergency Overview:** Dust generated during machining of product may cause mechanical irritation of eyes, skin and respiratory system.

**Routes of Entry:** Inhalation (dust during machining). Eye contact. Skin contact.

**Potential Acute Health Effects:**

- **Eyes:** Dust may cause mechanical irritation to eye.
- **Skin:** Dust may cause mechanical irritation. Any sharp edges will cut or abrade the skin.
- **Inhalation:** Inhalation of dust will produce irritation to respiratory tract, characterized by sneezing and coughing.
- **Ingestion:** Not an expected route of entry.

**Potential Chronic Health Effects:** Repeated exposure of the eyes to a low level of dust can produce eye irritation. Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

**Medical conditions Aggravated by Overexposure:** Asthmatic conditions may be aggravated by uncontrolled airborne dust exposures.

**Overexposure / Signs / Symptoms:** Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening.

Section IV – First Aid Measures

**Eye Contact:** Upon contact with nuisance dust particles, flush eyes immediately with large amounts of water for a minimum of 15 minutes. Seek medical attention.

**Skin Contact:** Not expected to be a problem. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention.

**Inhalation:** Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation. Allow the victim to rest in a well ventilated area. Oxygen may be administered if breathing is difficult. Seek medical attention.

**Ingestion:** Not applicable.

**Notes to Physician:** No additional information.
**Section V – Fire Fighting Measures**

**Flammability of the Product:** These laminates are flammable but difficult to ignite.

**Auto-ignition Temperature:** Not available.

**Flash Points:** Not available.

**Flammable Limits:** Not available.

**Products of Combustion:** Some metallic oxides.

**Fire Hazards in Presence of Various Substances:** Non-flammable in presence of shocks, heat, oxidizing materials, reducing materials, combustible materials, organic materials, metals, acids, alkalis, moistures.

**Explosion Hazards in Presence of Various substances:** Not considered as a product presenting risks of Explosion.

**Fire Fighting Media And Instructions Protective Clothing (Fire):**

SMALL FIRE: Use Dry chemicals, CO$_2$, water spray or foam.

LARGE FIRE: Use water spray, fog or foam. Do not use water jet. Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

**Special Remarks on Fire Hazards:** No additional remark.

**Special Remarks on Explosion Hazards:** No additional remark.

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**Section VI – Accidental Release Measures**

**Small Spill and Leak:** Use appropriate tools to put the spilled solid in a convenient waste disposal container.

**Large Spill and Leak:** No additional information.

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**Section VII – Handing and Storage**

**Handing:** After handing, always wash hands thoroughly with soap and water. If user operations generate dust use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Storage:** No specific storage is required.

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**Section VIII – Special Protection Information**

**Work and Hygiene Practices:** Wear safety glasses or goggles in fabrication operations that may generate airborne dust.

Wear gloves during exposure to dust or frequently wash hands to remove residual dust.

Maintain airborne dust limits below the exposure limits.

Minimize dust generation and accumulation from fabrication operations. Sweep up dust.

Avoid blowing dust with compressed air. Avoid exposure of dust to open flame and ignition sources.

Electrically ground and bond all equipment used for fabrication operations.

**Storage and Handling Practices:** No special requirements for the product. Store dust away from heat, ignition sources and oxidizing agents.

**Protective Practices During Maintenance of Contaminated Equipment:** Do not use compressed air to remove dust from equipment. Sweep or wash dust from unit.
### Section VIII – Special Protection Information

**Ventilation and Engineering Controls:** Provide adequate general and local exhaust ventilation to maintain airborne concentrations below the exposure limits. Enclose fabrication operations, where possible, to minimize dust dispersion into other work areas.

**Respiratory Protection:** Where dust exposures may exceed the regulatory standards, respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA’s respirator standard (29 CRF 1910.134) and ANSI’s Standard for respirator protection (Z88.2 – 1992).

**Eye Protection:** Wear ANSI-approved safety glasses or goggles in fabrication operations that may generate airborne dust.

**Hand and Body Protection:** To prevent drying of skin, wear gloves during exposure to dust or frequently wash hands to remove residual dust. Use hand lotion to moisten hands.

### Section IX – Spill, Leak and Disposal Procedures

**In Case Material is Spilled or Released:** This material is a non-hazardous waste. Dispose of dust or excess Material according to applicable federal, state and local regulations.

### Important:
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