



## Material Safety Data Sheets

### Section 1: Chemical Product and Company Information

**Common Name:** **Merino® Laminate**  
[All Grades and Thickness]

**Manufacturers:** **MERINO INDUSTRIES LTD.,**  
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Dt. Ghaziabad, Hapur-245 101 (U.P.)  
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**MERINO PANEL PRODUCTS LTD**  
44 Km Stone, Delhi - Rohtak Road, Rohad, Dist. Jhajjar,  
Haryana- 124 501 Tel: 276335/ 276337/ 276338/ 276339  
Fax: 01276-276336 Email: merinorohad@merinoindia.com

**Synonym:** High Pressure Decorative Laminate.

### Section 2: Hazardous Identification

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

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

**Potential Acute Health Effects:**

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

**Potential Chronic Health Effects:**

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:**

Skin inflammation is characterized by itching, scaling, reddening. Inflammation of the eye is characterized by redness, watering, and itching.

See Toxicological Information (section 11)

<b>Section 3: Physical and Chemical Properties</b>
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**Physical State and Appearance:** Solid (sheet)

**Molecular Weight:** N/A

**Molecular Formula:** N/A

**pH (1% Sol<sup>n</sup> / Water):** N/A

**Boiling/Condensation Point:** N/A

**Melting/Freezing Point:** N/A

**Critical Temperature:** N/A

**Specific Gravity:** 1.30 - 1.45

**Vapor Pressure:** N/A

**Vapor Density:** N/A

**Volatility:** N/A

**Odour:** Odourless

**Taste:** N/A

**Color:** Varies

**Evaporation Rate:** N/A

**Viscosity:** N/A

**Ionicity (in Water):** N/A

**Dispersion Properties:** Is not dispersed in cold water, hot water, methanol, diethyl ether, n-octanol, acetone.

**Solubility:** Insoluble in water.

**Physical Chemical Comments:** N/A

#### **Section 4: Fire Fighting Measures**

**Flammability of the Product:**

Not considered to be flammable. Will burn in a fire situation.

**Auto-ignition Temperature:**

N/A

**Flash Points:** N/A

**Flammable Limits:**N/A

**Products of Combustion:**

Carbon oxides (CO, CO<sub>2</sub>)

**Fire Hazards in Presence of Various Substances:**

Combustible in presence of open flames. Non-flammable in presence of shocks, oxidizing materials, reducing materials, combustible materials, organic materials, metals, acids, alkalis, moisture.

**Explosion Hazards in Presence of Various Substances:**

Risks of explosion of the product in presence of mechanical impact:  
None.

Risks of explosion of the product in presence of static discharge:  
Laminate dusts are not electrostatic discharge hazards.

**Fire Fighting Media:**

SMALL FIRE: Use DRY chemicals, CO<sub>2</sub>, water spray or foam.

LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.

**Protective Clothing (fire):**

Fire fighting requires the use of a self contained breathing apparatus with a full face piece and pressure-demand or other positive-pressure mode.

**Special Remarks on Fire Hazards:**

Finely divided dust generated by sawing, routing, or similar operations can create an explosion hazard if the airborne dust concentration exceeds 900 grams per cubic meter\* and contacts an ignition source in excess of 8 joules.

\*A person standing in a uniformly dispersed dust cloud of 50 grams per cubic meter will not be able to see his outstretched hand.

**Special Remarks on Explosion Hazards:**

No additional remark.

**Section 5: Handling and Storage**

**Handling:** After handling, always wash hands thoroughly with soap and water.

**Section 6: Exposure Controls/ Personal Protection**

**Engineering Controls:** If user operations (machining, routing, or cutting) generate dust, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection:**

- Eyes* Safety glasses with side shields.
- Body* No special protective clothing is required. It is suggested that skin contact with dust is minimized.
- Respiratory* When ventilation is inadequate, wear approved/certified respirator with appropriate particulate dust filters.
- Hands* Gloves suitable for protection against cuts from rough, sharp edges are recommended.
- Feet* No special precautions are necessary if used as intended.

**Personal Protection in Case of a Large Spill:**

Not Required

## Section 7: Stability and Reactivity

**Stability and Reactivity:** The product is stable.

**Conditions of Instability:** NONE

**Incompatibility with Various Substances:**  
Not considered to be reactive.

**Hazardous Decomposition Products:**  
Products of combustion include: carbon oxides (CO, CO<sub>2</sub>).

**Hazardous Polymerization:** Will not occur.

## Section 8: Accidental Release Measures

**Small Spill and Leak:** Pick up solids and put in an appropriate container for later disposal

**Large Spill and Leak:** Not applicable.

### Notice to Reader

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