

# MSDS

# Material Safety Data Sheet

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MSDS Number: 16439

**High Pressure Decorative Laminate**

Revision Date: 09/20/04

## 1 PRODUCT

**TRADE NAME** Laminate  
(All Grades and Thicknesses)

**SYNONYMS** High Pressure Decorative Laminate (HPDL)  
(All Grades and Thicknesses including High  
Pressure Backers)

**MATERIAL USES** Decorative Laminate

**Revision #** 12

### IN CASE OF EMERGENCY CONTACT

**CHEMTREC:** 800-424-9300 (USA)  
703-527-3887 (INTERNATIONAL)

## 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS#	% by Weight
Paper Fiber	N/A	25 - 85
Formaldehyde Resins	N/A	10 - 50

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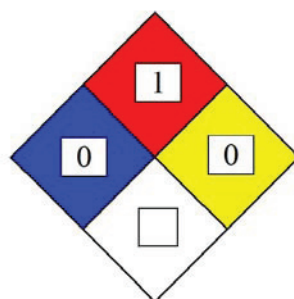
### 3 HAZARDS IDENTIFICATION

- Route of Entry:** None for product as sold. For dust or chips generated during fabrication operations : eye contact, skin contact, and inhalation
- Target Organs:** None.
- Inhalation:** No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may product dust or chips that may be irritating or harmful if inhaled. See Section 8. Repeated and prolonged inhalation of dust may lead to chronic respiratory irritation. Asthmatic conditions may be aggravated by uncontrolled airborne dust exposures.
- Skin Contact:** 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.
- Eye Contact:** Dust generated from fabrication operations such as milling, cutting, grinding, etc., may produce dust or chips that may be irritating.
- Ingestion:** Not an expected route of entry with normal use of product.

#### HMIS (United States):

HEALTH	0
FLAMMABILITY	1
REACTIVITY	0
PPE	B

#### NFPA (United States):



WHMIS (Canada): Not classified as hazardous.

### 4 FIRST AID MEASURES

- Inhalation:** No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may product dust or chips that may be irritating or harmful if inhaled. See Section 8.
- Skin Contact:** 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.
- Eye Contact:** No hazards for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may product dust or chips that may be irritating. For dust or fines, rinse eyes with water. If irritation persists seek medical attention
- Ingestion:** Not an expected route of entry with normal use of product.

### 5 FIRE FIGHTING MEASURES

- Flash Point:** Not Applicable.
- Flash Point Method:** Not Applicable.
- Burning Rate:** Not Applicable.
- Autoignition Temperature:** Not Applicable.

Use extinguishing media appropriate for surrounding fire. Wear fire protection equipment appropriate for the surrounding fire.

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Hazardous decomposition products include carbon oxides (CO and CO<sub>2</sub>).

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 ignitions 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).

### 6 ACCIDENTAL RELEASE MEASURES

Small spill or leak - Not applicable.

Large spill or leak - Not applicable.

### 7 HANDLING AND STORAGE

**Handling Precautions:** No specific usage precautions required. Follow normal good hygiene practices. Protect exposed areas from cuts and abrasions

**Storage Requirements:** Store in a dry, well ventilated area. Trace amounts of formaldehyde may be released during shipping and storage.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** No special ventilation requirements for product as sold. Provide adequate ventilation to meet exposure guideline if fabrication operations generate dust or chips.

**Protective Equipment:** No specific recommendation made, but use of an approved/certified respirator with the appropriate particulate dust filter must be used if ventilation is inadequate. Gloves suitable for protection against cuts and abrasions from sharp edges are recommended.

Wear safety goggles during fabrication operations that produce chips or dust.

<b>Exposure Guidelines/Other:</b>	<b>Product Name</b>	<b>Exposure Limits</b>
	Wood dust*	OSHA PEL: 5 mg/m <sup>3</sup> respirable; 15 mg/m <sup>3</sup> Total

\*Not applicable to product as sold, but dust may be produced during fabrication processes.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Solid decorative sheet.

**Physical State:** Solid

**Odor:** Odorless

**pH:** Not Applicable.

**Vapor Pressure:** Not Applicable

**Vapor Density:** Not Applicable.

**Boiling Point:** Not Applicable.

**Freezing/Melting Pt.:** Not Applicable.

**Solubility:** Not Soluble.

**Spec Grav./Density:** Not Available.

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### 10 STABILITY AND REACTIVITY

**Stability:** This product is stable.  
**Conditions to avoid:** None.  
**Materials to avoid (incompatibility):** None.  
**Hazardous Decomposition products:** Carbon oxides (CO and CO<sub>2</sub>).  
**Hazardous Polymerization:** Will not polymerize.

### 11 TOXICOLOGICAL INFORMATION

No testing has been done on the toxicity of this product to animals. This product is not expected to be toxic to animals.  
Not testing has been done on the toxicity of this product to humans. This product is not expected to be toxic to humans.

### 12 ECOLOGICAL INFORMATION

**Ecotoxicity - Not available. Not expected to be ecotoxic.**  
**BOD5 and COD - Not available.**  
**Mobility - Not available.**  
**Toxicity of the Products of Biodegradation - Not available.**

### 13 DISPOSAL CONSIDERATIONS

Dispose of according to Federal, State, and local regulations.

### 14 TRANSPORT INFORMATION

Not a DOT controlled material (United States).  
Not expected to be a marine pollutant.  
Not controlled under ADR (Europe).  
Not controlled under IMDG.  
Not controlled under IATA.

### 15 REGULATORY INFORMATION

#### U.S. Federal Regulations

**TSCA inventory - the ingredients of this product are listed.**  
**SARA 302/304/311/312 extremely hazardous substances - None.**  
**SARA 302/304 emergency planning and notification: None.**  
**SARA 302/304/311/312 hazardous chemicals: None.**  
**SARA 311/312 MSDS distribution-chemical inventory-hazard identification : None.**  
**CWA 307: None.**  
**CWA 311: None.**  
**CAA 112 accidental release prevention: None.**  
**CAA 112 regulated flammable substances: None.**  
**CAA 112 regulated toxic substances: None.**

#### International Regulations

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WHIMS (Canada): Not classified as hazardous.

DSL (Canada) - None

EINECS: None

## State Regulations

California Prop. 65: This product contains the following ingredients known to the state of California to cause cancer: Formaldehyde (50-00-0) in trace amounts.

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## OTHER INFORMATION

### References

Lewis, R. J., Rapid Guide to Hazardous Chemicals in the Workplace, 4<sup>th</sup> ed., Wiley-Interscience, New York, 2000.  
NIOSH Pocket Guide to Chemical Hazards, Department of Health and Human Services, National Institute for Occupational Safety and Health, 2004.  
TLVs and BEIs, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Agents, ACGI Worldwide, Cincinnati, 2003.

### Glossary

ACGIH - American Conference of Governmental Industrial Hygienists  
ASTM - American Society for Testing and Materials  
ADR - Agreement on Dangerous Goods by Road (Europe)  
BOD5 - Biological Oxygen Demand in 5 days  
CAA - Clean Air Act  
CAS - Chemical Abstracts Services  
CEPA - Canadian Environmental Protection Act  
CERCLA - Comprehensive Environmental Response, Compensations and Liability Act  
CFR - Code of Federal Regulations  
CWA - Clean water act  
DOT - Department of Transportation  
DSCL - Dangerous Substances Classification and Labeling (Europe)  
DSL - Domestic Substance List (Canada)  
EEC/EU - European Economic Community/European Union  
EINECS - European Inventory of Existing Commercial Chemical Substances  
HCS - Hazard Communication System  
HMIS - Hazardous Material Information System  
IARC - International Agency for Research on Cancer  
LD50/LC50 - Lethal Dose/Concentration kill 50%  
LDLo/LCLo - Lowest Published Lethal Dose/Concentration  
NFPA - National Fire Prevention Association  
NIOSH - National Institute for Occupational Safety & Health  
NTP - National Toxicology Program  
OSHA - Occupational Safety & Health Administration  
PEL - Permissible Exposure Limit  
RCRA - Resource Conservation and Recovery Act  
SARA - Superfund Amendments and Reorganization Act  
STEL - Short Term Exposure Limit (15 minutes)  
TDG - Transportation of Dangerous Goods (Canada)  
TLV-TWA - Threshold Limit Value-Time Weighted Average  
TSCA - Toxic Substances Control Act  
WHMIS - Workplace Hazardous Material Information System

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**Notice to Reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named manufacturer nor any of its subsidiaries assumes any liability whatsoever for accuracy or completeness of the information contained herein.

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.

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**END OF MSDS DOCUMENT**