

MSDS *Material Safety Data Sheet*

Wilsonart International



MSDS Number: 16439
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Wilsonart® High-Pressure Decorative Laminate

Revision Date: 09/15/09
Revision No: 16

1 PRODUCT AND COMPANY IDENTIFICATION

Common Name **Wilsonart® Decorative Laminate**
(All Grades and Thicknesses, including High-Pressure Backers, excluding 400 and 900 series product)

Manufacturer **WILSONART INTERNATIONAL, INC.**
P. O. BOX 6110 – 2400 WILSON PLACE
TEMPLE, TX 76503
INFORMATION PHONE: 800-433-3222 (USA)

Trade Name **High-Pressure Decorative Laminate (HPDL)**
(All Grades & Thicknesses, including High-Pressure Backers, excluding 400 and 900 series product)

Material Uses **Decorative Laminate**

In Case of Emergency Contact CHEMTREC: 800-424-9300 (USA)
703-527-3887 (INTERNATIONAL)

2 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 produce dust or fines that may be irritating.

Skin Contact: Solid sheet may be abrasive to, or cut skin. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating.

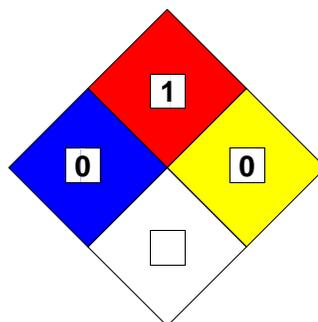
Eye Contact: No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating.

Ingestion: Not an expected route of entry.

WARNING! THIS PRODUCT MAY FORM COMBUSTIBLE DUST DURING PROCESSING.

HMIS (United States):	
HEALTH	0
FLAMMABILITY	1
REACTIVITY	0
PPE	B

NFPA (United States):



WHMIS (Canada): Not classified as hazardous

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS #	% by Weight
Cellulose	9004-34-6	25 – 85
Formaldehyde Resins	Not Applicable	10 – 50
Polyester Resin	Not Available	0 - 15

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4 FIRST AID MEASURES

Inhalation: No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating to the respiratory tract. If irritation persists, seek medical attention.

Skin Contact: Solid sheet may be abrasive to, or cut skin. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating. May aggravate existing skin conditions. Wash with soap and water. If irritation persists, seek medical attention.

Eye Contact: No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating to the eyes. Rinse eyes with water for 15 minutes. If irritation persists, seek medical attention.

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

5 FIRE FIGHTING MEASURES

Flash Point: Not Applicable.

Flash Point Method: Not Applicable.

Autoignition Temperature: Not Available.

Burning Rate: Not Available.

Fire and Explosion Hazard: No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust. Fine dust dispersed in the air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Firefighting Equipment: Use extinguishing media appropriate for surrounding fire. Use self-contained breathing apparatus and protective clothing appropriate for surrounding fire.

Hazardous Products of Combustion: Carbon oxides (CO and CO₂).

6 ACCIDENTAL RELEASE MEASURES

Small Spill or Leak: Not Applicable.

Large Spill or Leak: Not Applicable.

Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.

7 HANDLING AND STORAGE

Handling Precautions: No specific usage precautions required. Follow normal good hygiene practices. Protect exposed skin from cuts and abrasions. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dust does not accumulate on surfaces. Avoid dispersal of dust in the air (i.e., clearing dusty surfaces with compressed air).

Storage Requirements: Store in a dry well-ventilated area.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: No special ventilation requirements for product as sold. Provide adequate ventilation to meet exposure guidelines if fabrication operations generate dust or fines. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling the dust particulate of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment. Ensure that dust handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

Protective Equipment: Respirators – No specific recommendations. Respiratory protection must be used if the OSHA Permissible Exposure Limit for laminate dust (Particulate Not Otherwise Regulated – PNOR) is exceeded.

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

Eye Protection – Wear safety glasses with side shields during fabrication operations that produce chips, fines, or dust.

Exposure Guidelines / Other:

Product Name

Exposure Limits

Laminate Dust (Particulate Not Otherwise Regulated – PNOR)

OSHA PEL: TWA 5 mg/m³ (respirable)

TWA 15 mg/m³ (total)

ACGIH TLV: TWA 3 mg/m³ (respirable)

TWA 10 mg/m³ (inhalable)

Consult local authorities and regulations for exposure limits.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid Sheet, various colors and thicknesses

Physical State: Solid

Boiling Point: Not Applicable

Odor: None

Freezing / Melting point: Not Applicable

pH: Not Applicable

Solubility: Insoluble in water

Specific Gravity / Density: Approx. 85 lbs/ft³

10 STABILITY AND REACTIVITY

Stability: This product is stable.

Conditions to Avoid: None.

Materials to Avoid (Incompatibility): None.

Hazardous Decomposition Products: Carbon Oxides (CO, CO₂).

Hazardous Polymerization: Will not polymerize.

11 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.

12 ECOLOGICAL INFORMATION

Ecotoxicity: Not Available. Not expected to be ecotoxic.

BOD5 and COD: Not Available

Biodegradable / OECD: Not Available

Mobility: Not Available

Toxicity of the Products of Biodegradation: Not Available

Special Remarks on the Products of Biodegradation: Not Available

13 DISPOSAL CONSIDERATIONS

Not classified as hazardous waste. Dispose of in accordance with Federal, State, and local regulations.

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.

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Marine Pollutant: Not a marine pollutant.

15 REGULATORY INFORMATION

U.S. Federal Regulations

Chemical (& CAS Number)	SARA 302 (EHS)TPQ	SARA 304 (EHS)Rq	SARA 313 <i>de minimis</i>	CERCLA Rq	CAA 112(r) TQ	RCRA Code
None						

All quantities in pounds

State Regulations

Chemical (& CAS Number)	CA Prop 65	MA RTK	MN RTK	NJ RTK	PA RTK	RI RTK
None						

This product contains the following components known to the state of California to cause cancer, and/or developmental toxicity and/or reproductive toxicity: Formaldehyde (CAS 50-00-0) in trace amounts.

International Regulations

DSL (Canada): None.

EINECS: None.

WHMIS: Not classified as hazardous.

16 OTHER INFORMATION

Other Information: Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for Safe Handling.

References:

Lewis, R. J., Rapid Guide to Hazardous Chemicals in the Workplace, 4th 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, 2007.

Patty's Toxicology, 5th ed. John Wiley & Sons, Inc. 2001.

TLVs and BEIs, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Agents, ACGIH Worldwide, Cincinnati, 2007.

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

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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

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.

END OF MSDS DOCUMENT