



# Material Safety Data Sheet

Section 1. Chemical Product and Company Identification	
<b>Common Name</b>	<b>Wilsonart<sup>(R)</sup> Laminate [All Grades and Thicknesses]</b>
<b>Supplier</b>	WILSONART INTERNATIONAL INC. P.O. BOX 6110 - 2400 Wilson Place, Temple, TX 76503 Telephone: 800-433-3222 (USA) or 254-207-7000
<b>Synonym</b>	High pressure decorative laminate, all grades/thicknesses, including high pressure backer products.
<b>Trade name</b>	Wilsonart <sup>(R)</sup> Laminate (All Grades and Thicknesses)
<b>Material Uses</b>	Laminate.
<b>Manufacturer</b>	WILSONART INTERNATIONAL, INC. P.O. BOX 6110, Temple, TX 76503-6110 Information Phone: 254-207-7000 or 800-433-3222
<b>Code</b>	USA16439
<b>MSDS#</b>	16439
<b>Validation Date</b>	03/29/2000
<b>Print Date</b>	08/24/2000
<b>Responsible Name</b>	Wilsonart International Inc.
<b>In Case of Emergency</b>	CHEMTREC: 800-424-9300 (USA) 703-527-3887 (International)

Section 2. Composition and Information on Ingredients			
Name	CAS #	% by Weight	Exposure Limits
No hazardous ingredient.			

Section 3. Hazards Identification	
<b>Physical State and Appearance</b>	Solid. (sheet)
<b>Emergency Overview</b>	Dust generated during machining of product may cause mechanical irritation of eyes, skin, and respiratory system.
<b>Routes of Entry</b>	Eye contact. Inhalation (dust during machining). Skin contact.
<b>Potential Acute Health Effects</b>	<p><b>Eyes</b> Dust may cause mechanical irritation to eye.</p> <p><b>Skin</b> Dust may cause mechanical irritation. Any sharp edges will cut or abrade the skin.</p> <p><b>Inhalation</b> Inhalation of dust will produce irritation to respiratory tract, characterized by sneezing and coughing.</p> <p><b>Ingestion</b> Not an expected route of entry.</p>
<b>Potential Chronic Health Effects</b>	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
<b>Medical Conditions Aggravated by Overexposure:</b>	Asthmatic conditions may be aggravated by uncontrolled airborne dust exposures.
<b>Overexposure /Signs/Symptoms</b>	Skin inflammation is characterized by itching, scaling, reddening. Inflammation of the eye is characterized by redness, watering, and itching.
<b>See Toxicological Information (section 11)</b>	

**Section 4. First Aid Measures**

<b>Eye Contact</b>	DUST PARTICLES: In case of contact with eyes, rinse immediately with plenty of water. If irritation persists, seek medical attention.
<b>Skin Contact</b>	DUST PARTICLES: May cause skin sensitization. Wash contaminated skin with soap and water.
<b>Inhalation</b>	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation. Allow the victim to rest in a well ventilated area. If irritation persists, seek medical attention.
<b>Ingestion</b>	Not applicable.
<b>Notes to Physician</b>	No additional information.

**Section 5. Fire Fighting Measures**

<b>Flammability of the Product</b>	Not considered to be flammable. Will burn in a fire situation.
<b>Auto-ignition Temperature</b>	Not applicable.
<b>Flash Points</b>	Not applicable.
<b>Flammable Limits</b>	Not available.
<b>Products of Combustion</b>	carbon oxides (CO, CO2)
<b>Fire Hazards in Presence of Various Substances</b>	Combustible in presence of open flames. Non-flammable in presence of shocks, oxidizing materials, reducing materials, combustible materials, organic materials, metals, acids, alkalis, moisture.
<b>Explosion Hazards in Presence of Various Substances</b>	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.
<b>Fire Fighting Media and Instructions</b>	SMALL FIRE: Use DRY chemicals, CO2, water spray or foam. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.
<b>Protective Clothing (Fire)</b>	Fire fighting requires the use of a self contained breathing apparatus with a full face piece and pressure-demand or other positive-pressure mode.
<b>Special Remarks on Fire Hazards</b>	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.
<b>Special Remarks on Explosion Hazards</b>	No additional remark.

**Section 6. Accidental Release Measures**

<b>Small Spill and Leak</b>	Pick up solids and put in an appropriate container for later disposal
<b>Large Spill and Leak</b>	Not applicable.

**Section 7. Handling and Storage**

<b>Handling</b>	After handling, always wash hands thoroughly with soap and water.
<b>Storage</b>	Store in a dry, well ventilated area. <i>[Small amounts of residual formaldehyde may be released in measureable quantities when laminate is shipped or stored in bulk quantities.]</i>

**Section 8. Exposure Controls/Personal Protection**

<b>Engineering Controls</b>	If user operations (machining, routing, or cutting) generate dust, use ventilation to keep exposure to airborne contaminants below the exposure limit.
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<b>Personal Protection</b>	
<b>Eyes</b>	Safety glasses with side shields.
<b>Body</b>	No special protective clothing is required. It is suggested that skin contact with dust is minimized.
<b>Respiratory</b>	When ventilation is inadequate, wear approved/certified respirator with appropriate particulate dust filters.
<b>Hands</b>	Gloves suitable for protection against cuts from rough, sharp edges are recommended.
<b>Feet</b>	No special precautions are necessary if used as intended.

**Protective Clothing (Pictograms)**



<b>Personal Protection in Case of a Large Spill</b>	Not applicable.
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<b>Product Name</b>	<b>Exposure Limits</b>
No hazardous ingredients.	
<b>Consult local authorities for acceptable exposure limits.</b>	

**Section 9. Physical and Chemical Properties**

<b>Physical State and Appearance</b>	Solid. (sheet)	<b>Odor</b>	Odorless.
<b>Molecular Weight</b>	Not available.	<b>Taste</b>	Not available.
<b>Molecular Formula</b>	Not applicable.	<b>Color</b>	Varies.
<b>pH (1% Soln/Water)</b>	Not applicable.		
<b>Boiling/Condensation Point</b>	Not applicable.		
<b>Melting/Freezing Point</b>	Not available.		
<b>Critical Temperature</b>	Not available.		
<b>Specific Gravity</b>	Not applicable.		
<b>Vapor Pressure</b>	Not applicable.		
<b>Vapor Density</b>	Not applicable.		
<b>Volatility</b>	Not applicable.		

<b>Odor Threshold</b>	Not available.
<b>Evaporation Rate</b>	Not applicable.
<b>VOC</b>	Not applicable.
<b>Viscosity</b>	Not applicable.
<b>LogK<sub>ow</sub></b>	Not available.
<b>Ionicity (in Water)</b>	Not available.
<b>Dispersion Properties</b>	Is not dispersed in cold water, hot water, methanol, diethyl ether, n-octanol, acetone.
<b>Solubility</b>	Insoluble in water.
<b>Physical Chemical Comments</b>	Not available.

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Conditions of Instability</b>	NONE
<b>Incompatibility with Various Substances</b>	Not considered to be reactive.
<b>Hazardous Decomposition Products</b>	Products of combustion include: carbon oxides (CO, CO <sub>2</sub> )
<b>Hazardous Polymerization</b>	Will not occur.

**Section 11. Toxicological Information**

<b>Toxicity to Animals</b>	This product has not been tested for animal effects.
<b>Chronic Effects on Humans</b>	No additional information.
<b>Other Toxic Effects on Humans</b>	No additional information.
<b>Special Remarks on Toxicity to Animals</b>	No additional remark.
<b>Special Remarks on Chronic Effects on Humans</b>	No additional remark.
<b>Special Remarks on Other Toxic Effects on Humans</b>	Asthmatic conditions may be aggravated by uncontrolled airborne dust exposures.

**Section 12. Ecological Information**

<b>Ecotoxicity</b>	Not available.
<b>BOD<sub>5</sub> and COD</b>	Not available.
<b>Biodegradable/OECD</b>	Not available.
<b>Mobility</b>	Not available.
<b>Toxicity of the Products of Biodegradation</b>	Not available.

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**Special Remarks on the Products of Biodegradation** No additional remark.

**Section 13. Disposal Considerations**

**Waste Information** Dispose of according to all federal, state and local regulations.

**Waste Stream** Not available.

**Consult your local or regional authorities.**

**Section 14. Transport Information**

**DOT Classification** Not a DOT controlled material (United States).



**Marine Pollutant** Not a Marine Pollutant.

**Special Provisions for Transport** Not applicable.

**ADR/RID Classification** Not controlled under ADR (Europe).

**IMO/IMDG Classification** Not controlled under IMDG.

**ICAO/IATA Classification** Not controlled under IATA.

**Section 15. Regulatory Information**

**HCS Classification** Not controlled under the HCS (United States).

**U.S. Federal Regulations** TSCA: All ingredients are listed.  
 SARA 302/304/311/312 extremely hazardous substances: No products were found.  
 SARA 302/304 emergency planning and notification: No products were found.  
 SARA 302/304/311/312 hazardous chemicals: No products were found.  
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.  
 SARA 313 toxic chemical notification and release reporting: No products were found.  
 Clean water act (CWA) 307: No products were found.  
 Clean water act (CWA) 311: No products were found.  
 Clean air act (CAA) 112 accidental release prevention: No products were found.  
 Clean air act (CAA) 112 regulated flammable substances: No products were found.  
 Clean air act (CAA) 112 regulated toxic substances: No products were found.

**International Regulations**

**EINECS** Not available.

**DSCL (EEC)** Not controlled under DSCL (Europe).

**International Lists** No products were found.

**State Regulations** No products were found.

California Prop. 65: **WARNING!** This product contains formaldehyde, a substance known to the State of California to cause cancer.  
 [Small amounts of residual formaldehyde may be released in measureable quantities when laminate is shipped or stored in bulk quantities.]

**Section 16. Other Information**

**Label Requirements**      Dust generated during machining of product may cause mechanical irritation of eyes, skin, and respiratory system.

**Hazardous Material Information System (U.S.A.)**

Health	0
Fire Hazard	0
Reactivity	0
Personal Protection	A

**National Fire Protection Association (U.S.A.)**



**References**      -SAX, N.I. Dangerous Properties of Industrial Materials. Toronto, Van Nostrand Reinold, 6e ed. 1984.  
 -Patty's Industrial Hygiene and Toxicology  
 -Manufacturer's Material Safety Data Sheet.

**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
- CAS - Chemical Abstract Services
- CEPA - Canadian Environmental Protection Act
- CERCLA - Comprehensive Environmental Response, Compensation and Liability Act
- CFR - Code of Federal Regulations
- 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

**Other Special Considerations**      No additional remark.

Validated by Wilsonart International Inc. on 03/29/2000.

Verified by Wilsonart International Inc..

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

**Notice to Reader**

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