

### Section 1. Chemical Product and Company Identification

<b>Common Name</b>	<b>Wilsonart<sup>(R)</sup> Pearlescent Design Laminate</b>	<b>Code</b>	USA16446
<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>MSDS#</b>	16446
<b>Synonym</b>	Not applicable.	<b>Validation Date</b>	06/10/1999
<b>Trade name</b>	Wilsonart <sup>(R)</sup> Pearlescent Design Laminate	<b>Print Date</b>	08/24/2000
<b>Material Uses</b>	Decorative laminate.	<b>Responsible Name</b>	Wilsonart International Inc.
<b>Manufacturer</b>	WILSONART INTERNATIONAL INC. P.O. BOX 6110 - 2400 Wilson Place, Temple, TX 76503 Telephone: 800-433-3222 (USA) or 254-207-7000	<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
Titanium dioxide	13463-67-7	0 - 10	Not available.

### Section 3. Hazards Identification

<b>Physical State and Appearance</b>	Solid.
<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. Skin contact.
<b>Potential Acute Health Effects</b>	<p><i>Eyes</i> Dust may cause mechanical irritation to eye.</p> <p><i>Skin</i> Dust may cause mechanical irritation.</p> <p><i>Inhalation</i> Inhalation of dust will produce irritation to respiratory tract, characterized by sneezing and coughing.</p> <p><i>Ingestion</i> 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>	Upon contact with nuisance dust particles, flush eyes immediately with large amounts of water for a minimum of 15 minutes.
<b>Skin Contact</b>	Not expected to be a problem. Repeated exposure to dust particles during machining, may cause skin sensitization. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention.
<b>Inhalation</b>	Allow the victim to rest in a well ventilated area. Seek immediate 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>	Non-flammable.
<b>Auto-ignition Temperature</b>	Not applicable.
<b>Flash Points</b>	Not applicable.
<b>Flammable Limits</b>	Not applicable.
<b>Products of Combustion</b>	Not applicable.
<b>Fire Hazards in Presence of Various Substances</b>	Not applicable.
<b>Explosion Hazards in Presence of Various Substances</b>	Not considered as a product presenting risks of explosion.
<b>Fire Fighting Media and Instructions</b>	Non-flammable.
<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>	No additional remark.
<b>Special Remarks on Explosion Hazards</b>	No additional remark.

**Section 6. Accidental Release Measures**

<b>Small Spill and Leak</b>	Use appropriate tools to put the spilled solid in a convenient waste disposal container.
<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. If user operations generate dust use ventilation to keep exposure to airborne contaminants below the exposure limit.
<b>Storage</b>	Store in a dry, well ventilated area. Small amounts of residual formaldehyde may be released in measureable quantities when laminate is shipped or stored in bulk quantities.

**Section 8. 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. Keep dust contact with skin to a minimum.

**Respiratory** If case of insufficient ventilation, approved/certified disposable filtering facepiece (particulate dust mask).

**Hands** Gloves suitable for protection against cuts from rough, sharp edges are recommended.

**Feet** No special precautions are necessary if used as intended.

**Protective Clothing (Pictograms)**

**Personal Protection in Case of a Large Spill** Not applicable.

**Product Name**

Titanium dioxide

**Exposure Limits**

Not available.

Consult local authorities for acceptable exposure limits.

**Section 9. Physical and Chemical Properties**

<b>Physical State and Appearance</b>	Solid.	<b>Odor</b>	Odorless.
<b>Molecular Weight</b>	Not applicable.	<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 available.		
<b>Melting/Freezing Point</b>	1855°C (3371°F) based on data for: Titanium dioxide		
<b>Critical Temperature</b>	Not available.		
<b>Specific Gravity</b>	0.81 (Water = 1) based on data for: Titanium dioxide		
<b>Vapor Pressure</b>	Not available.		
<b>Vapor Density</b>	Not available.		
<b>Volatility</b>	Not available.		
<b>Odor Threshold</b>	Not available.		
<b>Evaporation Rate</b>	Not available.		
<b>VOC</b>	Not applicable.		
<b>Viscosity</b>	Not available.		

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<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, 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>	No additional remark.
<b>Incompatibility with Various Substances</b>	Non-reactive with oxidizing agents, reducing agents, combustible materials, organic materials, metals, moisture.
<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>	Skin contact (irritant), eye contact (irritant).
<b>Special Remarks on Toxicity to Animals</b>	No additional remark.
<b>Special Remarks on Chronic Effects on Humans</b>	No additional information.
<b>Special Remarks on Other Toxic Effects on Humans</b>	No additional information.


### Section 12. Ecological Information

<b>Ecotoxicity</b>	Not available.
<b>BOD5 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 applicable.
<b>Special Remarks on the Products of Biodegradation</b>	No additional remark.

**Section 13. Disposal Considerations**

<b>Waste Information</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
<b>Waste Stream</b>	Not available.
<b>Consult your local or regional authorities.</b>	

**Section 14. Transport Information**

<b>DOT Classification</b>	Not a DOT controlled material (United States).	
<b>Marine Pollutant</b>	Not a Marine Pollutant.	
<b>Special Provisions for Transport</b>	No additional remark.	
<b>ADR/RID Classification</b>	Not controlled under ADR (Europe).	
<b>IMO/IMDG Classification</b>	Not controlled under IMDG.	
<b>ICAO/IATA Classification</b>	Not controlled under IATA.	

**Section 15. Regulatory Information**

<b>HCS Classification</b>	Not an HCS controlled material in USA.	
<b>U.S. Federal Regulations</b>	<p>TSCA 8(b) inventory: All ingredients are listed.</p> <p>SARA 302/304/311/312 extremely hazardous substances: No products were found.</p> <p>SARA 302/304 emergency planning and notification: No products were found.</p> <p>SARA 302/304/311/312 hazardous chemicals: No products were found.</p> <p>SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.</p> <p>SARA 313 toxic chemical notification and release reporting: No products were found.</p> <p>Clean water act (CWA) 307: No products were found.</p> <p>Clean water act (CWA) 311: No products were found.</p> <p>Clean air act (CAA) 112 accidental release prevention: No products were found.</p> <p>Clean air act (CAA) 112 regulated flammable substances: No products were found.</p> <p>Clean air act (CAA) 112 regulated toxic substances: No products were found.</p>	
<b>International Regulations</b>		
<b>EINECS</b>	Not available.	
<b>DSCL (EEC)</b>	Not controlled under DSCL (Europe).	
<b>International Lists</b>	No products were found.	
<b>State Regulations</b>	<p>No products were found.</p> <p>California Prop. 65: <b>WARNING!</b> This product contains formaldehyde, a substance known to the State of California to cause cancer.  <i>[Small amounts of residual formaldehyde may be released in measureable quantities when laminate is shipped or stored in bulk quantities.]</i></p>	

**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.  
 -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.

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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.*