

### Section 1. Chemical Product and Company Identification

<b>Common Name</b>	<b>Wilsonart<sup>(R)</sup> 10 White Glue</b>	<b>Code</b>	USA-16373
<b>Supplier</b>	WILSONART INTERNATIONAL INC. P.O. BOX 6110 - 2400 Wilson Place, Temple, TX 76503 Information Phone: 800-433-3222 (U.S.A.)	<b>MSDS#</b>	16373
<b>Synonym</b>	Also known as: Lokweld <sup>(R)</sup> 10 White Glue	<b>Revision Date</b>	04/02/2004
<b>Trade name</b>	<b>Wilsonart<sup>(R)</sup> 10 White Glue</b>	<b>Responsible Name</b>	Wilsonart International Inc.
<b>Material Uses</b>	Adhesives for laminate. (Non-flammable Polyvinyl Acetate Assembly & Cold Press Adhesive)	<b>In Case of Emergency</b>	CHEMTREC: 800-424-9300 (USA) 703-527-3887 (International)
<b>Manufacturer</b>	WILSONART INTERNATIONAL, INC. P.O. BOX 6110, Temple, TX 76503-6110 Information Phone: 254-207-7000 or 800-433-3222		

### Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits
Residual Vinyl acetate monomer	108-05-4	0-0.5	STEL: 15 (mg/m <sup>3</sup> ) from ACGIH (TLV) TWA: 10 from ACGIH (TLV)
Polyvinyl acetate Plasticizer	9003-20-7 NJTSRN 950001	35-40 1-5	Not available. Not available.
Polyvinyl alcohol	9002-89-5	1-5	Not available.

### Section 3. Hazards Identification

<b>Physical State and Appearance</b>	White liquid.
<b>Emergency Overview</b>	INHALATION MAY IRRITATE RESPIRATORY TRACT. MILDLY IRRITATING TO THE EYES.
<b>Routes of Entry</b>	Skin contact. Eye contact. Inhalation. Ingestion.
<b>Potential Acute Health Effects</b>	<p><i>Eyes</i> Mildly irritating to the eyes.</p> <p><i>Skin</i> Non-irritating to the skin.</p> <p><i>Inhalation</i> May cause irritation of upper respiratory tract.</p> <p><i>Ingestion</i> Not an expected route of entry. May cause mild gastric irritation.</p>
<b>Potential Chronic Health Effects</b>	No additional information.
<b>Medical Conditions Aggravated by Overexposure:</b>	Repeated or prolonged exposure is not known to aggravate any medical condition.
<b>Overexposure /Signs/Symptoms</b>	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>	In case of contact with eyes, rinse immediately with plenty of water. If irritation occurs, seek medical attention.
<b>Skin Contact</b>	Wash contaminated skin with soap and water. Wash contaminated clothing before reusing.
<b>Inhalation</b>	Allow the victim to rest in a well ventilated area. Oxygen may be administered if breathing is difficult. If irritation persists, seek medical attention.
<b>Ingestion</b>	Have conscious person drink several glasses of water or milk. NEVER give an unconscious person anything to ingest. Seek medical attention.
<b>Notes to Physician</b>	Not available.

**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>	carbon oxides (CO, CO <sub>2</sub> )
<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>	Use extinguishing media suitable for surrounding materials.
<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>	Absorb with an inert material and place in an appropriate waste disposal container.
<b>Large Spill and Leak</b>	Prevent entry into sewers, basements or confined areas; dike if needed. Stop leak if without risk. Absorb with an inert material and put the spilled material in an appropriate waste disposal container.

**Section 7. Handling and Storage**

<b>Handling</b>	Avoid breathing vapors or spray mists. After handling, always wash hands thoroughly with soap and water. Do not ingest.
<b>Storage</b>	Keep container tightly closed in a cool, well-ventilated place. Do not freeze. Keep out of the reach of children.

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

**Engineering Controls** Provide good general ventilation or other engineering controls as required to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

**Personal Protection**

**Eyes** Splash goggles.

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

**Respiratory** A respirator is not needed under normal and intended conditions of product use. In case of insufficient ventilation, wear an approved (NIOSH) respirator with organic vapor cartridges with dust/mist pre-filter.

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

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

**Protective Clothing (Pictograms)**

**Personal Protection in Case of a Large Spill** In case of insufficient ventilation, wear an approved (NIOSH) respirator with organic vapor cartridges. Splash goggles. Boots. Full suit. Neoprene or latex gloves.

**Product Name****Exposure Limits**

residual vinyl acetate monomer

STEL: 15 (mg/m<sup>3</sup>) from ACGIH (TLV)

TWA: 10 from ACGIH (TLV)

Polyvinyl acetate

Not available.

Plasticizer

Not available.

Polyvinyl alcohol

Not available.

**Consult local authorities for acceptable exposure limits.**

**Section 9. Physical and Chemical Properties**

<b>Physical State and Appearance</b>	White liquid. Same	<b>Odor</b>	Mild, sweet odor.
<b>Molecular Weight</b>	Not applicable.	<b>Taste</b>	Not available.
<b>Molecular Formula</b>	Not applicable.	<b>Color</b>	White.
<b>pH (1% Soln/Water)</b>	4 - 5		
<b>Boiling/Condensation Point</b>	100°C (212°F)		
<b>Melting/Freezing Point</b>	May start to solidify at 0°C (32°F) based on data for: Components.		
<b>Critical Temperature</b>	Not available.		
<b>Specific Gravity</b>	1.094 (Water = 1)		
<b>Vapor Pressure</b>	The highest known value is 17.535 mm of Hg (@ 20°C) (Water).		
<b>Vapor Density</b>	Greater than air.		
<b>Volatility</b>	Same as water.		
<b>Odor Threshold</b>	Not available.		
<b>Evaporation Rate</b>	Not available.		

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VOC	< 20 g/L
Viscosity	4750 cps (Brookfield Viscometer)
LogK <sub>ow</sub>	Not available.
Ionicity (in Water)	Not available.
Dispersion Properties	Not available.
Solubility	Insoluble in water.
Physical Chemical Comment	Not available.

### Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	Keep away from sources of ignition.
Incompatibility with Various Substances	Slightly reactive to reactive with oxidizing agents, acids, alkalis.
Hazardous Decomposition Products	Products of Combustion include: carbon oxides (CO, CO <sub>2</sub> )
Hazardous Polymerization	Will not occur.

### Section 11. Toxicological Information

Toxicity to Animals	Mildly irritating to the eyes.
Chronic Effects on Humans	<p>This product may contain vinyl acetate monomer, vapors of which have been shown to cause tumors in the thyroid gland, uterus, and respiratory tract of laboratory animals. There is no evidence that it has caused cancer in humans.</p> <p>A component of this product has been tested for potential reproductive and teratogenic effects. When administered orally to rats and mice at doses which produced toxic effects in the mother, tissue and skeletal malformations were noted. However, no effects were seen in the rabbits treated with this compound.</p> <p>This product contains a chemical that is a suspected endocrine disrupter. Endocrine/hormone disrupters are external agents that interfere in some way with the role of natural hormones in the body. While a variety of chemicals have been found to cause endocrine disruption in laboratory animals, adverse effects in humans have not been established. (US EPA Special Report on Endocrine Disruption, February 1997.)</p>
Other Toxic Effects on Humans	No additional information.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on Chronic Effects on Humans	Vinyl acetate is metabolized to acetaldehyde, which has an IARC 2B (possibly carcinogenic to humans) classification, it has also been listed in Category 2B. May contain traces of formaldehyde; formaldehyde is classified 2A by IARC (probable human carcinogen).
Special Remarks on Other Toxic Effects on Humans	No additional remark.

**Section 12. Ecological Information**

**Ecotoxicity** Not available.

**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** No additional remark.

**Section 13. Disposal Considerations**

**Waste Information** Spilled, contaminated, or waste material should be put into a suitable container and handled according to local, state/provincial, and federal regulations. Contact a qualified waste management company in your area for assistance.  
EMPTY CONTAINERS: Empty containers should be either reconditioned by CERTIFIED firms or properly disposed of by APPROVED firms. Disposal of containers should be in accordance with applicable laws and regulations.  
"Empty" drums should not be given to individuals. Serious accidents have resulted from the misuse of "emptied" containers.

**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** No additional remark.

**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** May cause irritation of upper respiratory tract. May cause mild eye irritation.

**U.S. Federal Regulations** TSCA 4(a) final test rules: Plasticizer  
TSCA 8(b) inventory: Vinyl acetate; Plasticizer  
TSCA 8(d) H and S data reporting: Vinyl acetate; Plasticizer

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SARA 302/304/311/312 extremely hazardous substances: Vinyl acetate  
 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: Vinyl acetate; Plasticizer  
 Clean water act (CWA) 307: No products were found.  
 Clean water act (CWA) 311: Vinyl acetate  
 Clean air act (CAA) 112 accidental release prevention: Vinyl acetate  
 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)** R36/37- Irritating to eyes and respiratory system.

**International Lists** Australia: Vinyl acetate  
 Germany water class: Vinyl acetate  
 VCI WGK: Vinyl acetate

**State Regulations**

Pennsylvania RTK: Vinyl acetate; Plasticizer  
 Florida: Vinyl acetate  
 Minnesota: Vinyl acetate  
 Massachusetts RTK: Vinyl acetate; Plasticizer  
 New Jersey: Vinyl acetate  
 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, Acetaldehyde (75-07-0).

**Section 16. Other Information****Label Requirements**

INHALATION MAY IRRITATE RESPIRATORY TRACT. MILDLY IRRITATING TO THE EYES.

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

Health	*	1
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.  
**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

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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**

TSCA (Toxic Substance Control Act): All components of this product are listed on the TSCA Inventory.  
EINECS: All components of this product are on the European Inventory of Existing Commercial Chemical Substances. OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Validated by Wilsonart International Inc. on 04/02/2004.

Verified by Wilsonart International Inc..

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

**Notice to Reader**

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