

Section 1. Chemical Product and Company Identification

Common Name Wilsonart^(R) (WA) 3100	Code USA16384
Supplier WILSONART INTERNATIONAL INC. P.O. BOX 6110 - 2400 Wilson Place, Temple, TX 76503-6110 Information Phone: 800-433-3222 (U.S.A.) or	MSDS# 16384
	Validation Date 05/04/2000
Synonym Also known as: Lokweld^(R) (LW) 3100	Print Date 05/15/2000
Trade name Wilsonart ^(R) (WA) 3100	Responsible Name Wilsonart International Inc.
Material Uses Adhesive for laminate.	In Case of Emergency CHEMTREC: 800-424-9300 (USA) 703-527-3887 (International)
Manufacturer 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
NJTSRN 990009	Proprietary	1-5	CEIL: 50 (ppm) from OSHA (PEL) CEIL: 125 (mg/m ³) from OSHA (PEL)
Polyvinyl acetate	9003-20-7	15-40	Not available.
Polyvinyl alcohol	9002-89-5	1-5	Not available.
Residual Vinyl acetate monomer	108-05-4	0 - 0.5	STEL: 20 (mg/m ³) from ACGIH (TLV) TWA: 10 from ACGIH (TLV)

Section 3. Hazards Identification

Physical State and Appearance	Liquid.
Emergency Overview	INHALATION MAY IRRITATE RESPIRATORY TRACT. MILDLY IRRITATING TO THE EYES.
Routes of Entry	Skin contact. Eye contact. Inhalation. Ingestion.
Potential Acute Health Effects	
<i>Eyes</i>	This product may irritate eyes upon contact.
<i>Skin</i>	Non-irritating to the skin.
<i>Inhalation</i>	May cause irritation of upper respiratory tract.
<i>Ingestion</i>	Not an expected route of entry. May cause mild gastric irritation.
Potential Chronic Health Effects	No additional information.
Medical Conditions Aggravated by Overexposure:	Repeated or prolonged exposure is not known to aggravate any medical condition.
Overexposure /Signs/Symptoms	Inflammation of the eye is characterized by redness, watering, and itching.
See Toxicological Information (section 11)	

Section 4. First Aid Measures

Eye Contact	In case of contact with eyes, rinse immediately with plenty of water. If irritation occurs, seek medical attention.
Skin Contact	Wash contaminated skin with soap and water. Wash contaminated clothing before reusing.
Inhalation	Allow the victim to rest in a well ventilated area. Oxygen may be administered if breathing is difficult. If irritation persists, seek medical attention.
Ingestion	Remove dentures if any. Have conscious person drink several glasses of water or milk. NEVER give an unconscious person anything to ingest. Induce vomiting by giving syrup of ipecac or by sticking finger in throat. Lower the head so that the vomit will not reenter the mouth and throat. Seek medical attention.
Notes to Physician	No additional information.

Section 5. Fire Fighting Measures

Flammability of the Product	Non-flammable.
Auto-ignition Temperature	Not applicable.
Flash Points	Not applicable.
Flammable Limits	Not applicable.
Products of Combustion	carbon oxides (CO, CO ₂)
Fire Hazards in Presence of Various Substances	Non-flammable.
Explosion Hazards in Presence of Various Substances	Not considered as a product presenting risks of explosion.
Fire Fighting Media and Instructions	Non-flammable. Use extinguishing media suitable for surrounding materials.
Protective Clothing (Fire)	Fire fighting requires the use of a self contained breathing apparatus with a full face piece and pressure-demand or other positive-pressure mode.
Special Remarks on Fire Hazards	Non combustible.
Special Remarks on Explosion Hazards	No additional information.

Section 6. Accidental Release Measures

Small Spill and Leak	Absorb with an inert material and place in an appropriate waste disposal container.
Large Spill and Leak	Prevent entry into sewers, basements or confined areas; dike if needed. Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Section 7. Handling and Storage

Handling	Avoid breathing vapors of this product. Avoid contact with skin and eyes. After handling, always wash hands thoroughly with soap and water.
Storage	Do not freeze. Keep container tightly closed and in a well-ventilated place. Keep out of the reach of children.

Continued on Next Page

Section 8. Exposure Controls/Personal Protection

Engineering Controls Provide good general ventilation or other engineering controls 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.

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. Safety glasses. Boots. Full suit. Gloves (neoprene or latex)

Product Name

NJTSRN 990009
Polyvinyl acetate
Polyvinyl alcohol
residual vinyl acetate monomer

Exposure Limits

CEIL: 50 (ppm) from OSHA (PEL)
CEIL: 125 (mg/m³) from OSHA (PEL)
Not available.
Not available.
STEL: 20 (mg/m³) from ACGIH (TLV)
TWA: 10 from ACGIH (TLV)

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.	Odor	Mild, polyvinyl acetate odor.
Molecular Weight	Not applicable.	Taste	Not available.
Molecular Formula	Not applicable.	Color	White.
pH (1% Soln/Water)	5 [Acidic.]		
Boiling/Condensation Point	100°C (212°F)		
Melting/Freezing Point	May start to solidify at -13.5°C (7.7°F).		
Critical Temperature	Not available.		
Specific Gravity	1.13 (Water = 1)		
Vapor Pressure	The highest known value is 0.05 mm of Hg (@ 20°C) NJTSRN 990009		
Vapor Density	The highest known value is 2.1 (Air = 1) (NJTSRN 990009).		
Volatility	57%		
Odor Threshold	The highest known value is 25 ppm (NJTSRN 990009)		
Evaporation Rate	Not available.		

Continued on Next Page

VOC	< 20 g/L
Viscosity	5750 cps (Brookfield Viscometer)
LogK _{ow}	The product is more soluble in water.
Ionicity (in Water)	Not available.
Dispersion Properties	Not available.
Solubility	Soluble in water.
Physical Chemical Comments	Not available.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	Not available.
Incompatibility with Various Substances	Non-reactive with oxidizing agents, alkalis.
Hazardous Decomposition Products	Products of combustion include: carbon oxides (CO, CO ₂)
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Toxicity to Animals	This product may irritate eyes upon contact.
Chronic Effects on Humans	This product may contain small amounts of vinyl acetate, vapors of which have been shown to cause tumors in the respiratory tract of laboratory animals. There is no evidence that it has caused cancer in humans.
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.
BOD ₅ and COD	Not available.
Biodegradable/OECD	Not available.
Mobility	Not available.
Toxicity of the Products of Biodegradation	Not available.

Continued on Next Page

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.

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

U.S. Federal Regulations TSCA 8(b) inventory: 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: Glycol.: 1%
 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) R36/37- Irritating to eyes and respiratory system.

International Lists Australia: NJTSRN 990009
 Germany water class: NJTSRN 990009

State Regulations Not applicable in Mexico.

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
 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 information.

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Verified by Wilsonart International Inc..

Printed 05/15/2000.

CHEMTREC:

800-424-9300 (USA)

703-527-3887 (International)

Notice to Reader

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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.