

Section 1. Chemical Product and Company Identification

Common Name	Wilsonart^(R)Type II Adhesive	Code	17359USA
Supplier	WILSONART INTERNATIONAL INC. P.O. BOX 6110 - 2400 Wilson Place, Temple, TX 76503 Telephone: 800-433-3222 (USA) or 254-207-7000	MSDS#	17359
Synonym	WA Type II	Validation Date	11/03/1999
Trade name	Wilsonart ^(R) Type II Adhesive	Print Date	11/03/1999
Material Uses	Adhesive for laminate.	Responsible Name	Wilsonart International Inc.
Manufacturer	WILSONART INTERNATIONAL INC. P.O. BOX 6110 - 2400 Wilson Place, Temple, TX 76503 Telephone: 800-433-3222 (USA) or 254-207-7000	In Case of Emergency	CHEMTREC: 800-424-9300 (USA) 703-527-3887 (International)

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits
Vinyl acetate polymer	Proprietary (NJTSRN 990010)	40-60	Not available
Residual Vinyl acetate monomer	108-05-4	< 0.1	STEL: 20 (mg/m ³) from ACGIH (TLV) [United States] TWA: 10 from ACGIH (TLV) [United States]

Section 3. Hazards Identification

Physical State and Appearance	White, mobile liquid.
Emergency Overview	MAY CAUSE EYE AND SKIN IRRITATION.
Routes of Entry	Absorbed through skin. Eye contact. Skin contact. Inhalation. Ingestion.
Potential Acute Health Effects	<p><i>Eyes</i> No known effect.</p> <p><i>Skin</i> No known effect. Permeator (absorbed through the intact skin).</p> <p><i>Inhalation</i> No known effect. Under normal conditions of use in a well ventilated space, the concentration of minor components in the workplace air will not exceed the TLV or PEL. Maintain air contaminant concentrations in the workplace at the lowest feasible levels.</p> <p><i>Ingestion</i> Not an expected route of entry. May cause nausea, headache and general discomfort.</p>
Potential Chronic Health Effects	There is no known effect from chronic exposure to this product.
Medical Conditions Aggravated by Overexposure:	Repeated or prolonged exposure is not known to aggravate any medical condition.
Overexposure /Signs/Symptoms	Product may be absorbed through the skin and may cause nausea, headache and general discomfort.
See Toxicological Information (section 11)	

Section 4. First Aid Measures

Eye Contact	In case of contact with eyes, rinse immediately with plenty of water.
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 the victim is not breathing, perform mouth-to-mouth resuscitation. Prevent aspiration of vomit. Turn victim's head to the side. Seek medical attention.
Ingestion	Call medical attendant, medical doctor, or poison control center immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.
Notes to Physician	No additional information.

Section 5. Fire Fighting Measures

Flammability of the Product	The product will only burn after the water it contains is driven off.
Auto-ignition Temperature	Not available.
Flash Points	Not available.
Flammable Limits	Not available.
Products of Combustion	When dried polymer burns, water (H ₂ O), carbon dioxide (CO ₂), carbon monoxide (CO) and smoke are produced.
Fire Hazards in Presence of Various Substances	Non combustible.
Explosion Hazards in Presence of Various Substances	Not considered a product presenting risks of explosion.
Fire Fighting Media and Instructions	For dry polymer, use water or carbon dioxide. Liquid product is not flammable.
Protective Clothing (Fire)	No special procedures required. The product, as distributed, is noncombustible.
Special Remarks on Fire Hazards	No additional remark.
Special Remarks on Explosion Hazards	No additional remark.

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	<p>Stop leak if without risk. Ventilate area. Use water spray to reduce vapors. 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 container. Flush area with water spray. Wash contaminated property (e.g., automobiles) quickly before the material dries. Large spills may be recovered with a vacuum truck.</p> <p>Spilled material is very slippery. Use care to avoid falls. A film will form on drying. Remove saturated clothing and wash contacted skin area with soap and water. Product imparts a milky white color to contaminated waters. Foaming may result. Sewage treatment plants may not be able to remove the white color imparted to the water.</p>

Section 7. Handling and Storage

Handling	Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.
Storage	This product should be stored away from oxidizing materials. Do not freeze. Keep container tightly closed and sealed until ready to use. Do not store in reactive metal containers.

Section 8. Exposure Controls/Personal Protection

Engineering Controls Good general ventilation should be sufficient to control airborne levels.

Personal Protection

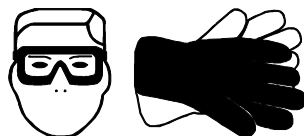
Eyes Safety glasses with side shields or safety goggles.

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.

Hands Rubber gloves.

Feet No special precautions are necessary if used as intended.

Protective Clothing (Pictograms)

Personal Protection in Case of a Large Spill Boots. Full suit. Rubber gloves. Splash goggles. Vapor respirator or a self contained breathing apparatus.

Product Name

Vinyl acetate polymer
residual vinyl acetate monomer

Exposure Limits

Not available
STEL: 20 (mg/m³) from ACGIH (TLV) [United States]
TWA: 10 from ACGIH (TLV) [United States]

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance	White, mobile liquid.	Odor	Mild. Characteristic.
Molecular Weight	Not available.	Taste	Not available.
Molecular Formula	Not available.	Color	White.
pH (1% Soln/Water)	2.42 [Acidic.]		
Boiling/Condensation Point	Not available.		
Melting/Freezing Point	Not available.		
Critical Temperature	Not available.		
Specific Gravity	1.07 (Water = 1)		
Vapor Pressure	2.5 kPa (@ 20°C)		
Vapor Density	1 (Air = 1)		
Volatility	Not available.		

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Odor Threshold	Not available.
Evaporation Rate	Not available.
VOC	Not available.
Viscosity	Dynamic: 5500 cP
LogK_{ow}	Not available.
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 at ambient temperatures. Coagulation may occur following freezing, thawing or boiling.
Conditions of Instability	Not applicable.
Incompatibility with Various Substances	Reactive metals (i.e., sodium, calcium, zinc etc.).
Hazardous Decomposition Products	Carbon oxides (CO, CO ₂), acetic acid, aldehydes. The level of aldehyde may increase as a result of hydrolysis of residual vinyl acetate monomer.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Toxicity to Animals	This product has not been tested for animal effects.
Chronic Effects on Humans	This product contains no carcinogens in concentrations of 0.1 percent or greater. 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	No additional information.
Special Remarks on Other Toxic Effects on Humans	No additional information.

Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Biodegradable/OECD	Not available.
Mobility	Not available.

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Toxicity of the Products of Biodegradation Not available.

Special Remarks on the Products of Biodegradation Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations.
For small quantities (less than 100 gallons): Disposal to municipal or industrial wastewater treatment plants is normally acceptable. Obtain approval from these authorities before disposal. The product does impart a white, milky color to water, which may not be removed or sufficiently diluted by the treatment facility. The product may also cause foaming when agitated. The product can be chemically or biologically degraded.
For large quantities: Disposal through licensed waste disposal facilities is suggested. The product can be incinerated, though chemical or biological treatment is sufficient. Chemical precipitation/coagulation can be used to facilitate removal of solids.
NOTE: As supplied or diluted, product material (foam included), when splashed on automobiles or other personal property, is difficult to remove if allowed to dry.

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 Keep from freezing.

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 on TSCA Inventory.
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

EINECS/ELINCS MASTER INVENTORY: included on inventory.

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DSCL (EEC) This product is not classified according to the EU regulations.

International Lists No products were found.

State Regulations

New Jersey Right-to-Know listed ingredients: NJTSRN 990010

Proposition 65 Substances (components known to the State of California to cause cancer and/or reproductive toxicity and subject to warning and discharge requirements under the "Safe Drinking Water and Toxic Enforcement Act of 1986"): formaldehyde, acetaldehyde

Section 16. Other Information

Label Requirements MAY CAUSE EYE AND SKIN IRRITATION.

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

Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	B

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

References -Manufacturer's Material Safety Data Sheet.

Other Special Considerations Not available.

Validated by Wilsonart International Inc. on 11/03/1999.

Verified by Wilsonart International Inc..

Printed 11/03/1999.

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

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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.