

# MSDS *Material Safety Data Sheet*

**Wilsonart International**



MSDS Number: 19036

Wilsonart® 30/31 Adhesive

Revision Date: 12/08/08

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## 1 PRODUCT AND COMPANY IDENTIFICATION

**Common Name** Wilsonart® 30/31 Adhesive

**Manufacturer** WILSONART INTERNATIONAL, INC.  
P. O. BOX 6110 – 2400 WILSON PLACE  
TEMPLE, TX 76503  
INFORMATION PHONE: 800-433-3222 (USA)

**Trade Name** WA 30/31 Wood Glue

**Material Uses** Wood Glue

**Revision #** 1

### In Case of Emergency Contact:

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

## 2 HAZARDS IDENTIFICATION

**Route of Entry:** Skin, eyes, and respiratory tract.

**Target Organs:** None.

**Inhalation:** Breathing vapors may cause irritation to the respiratory tract.

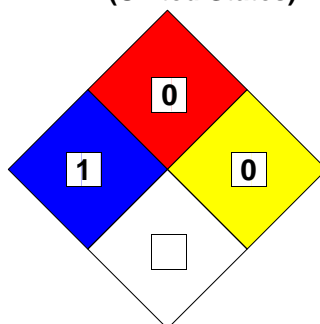
**Skin Contact:** May cause skin irritation.

**Eye Contact:** May cause eye irritation.

**Ingestion:** Not an expected route of entry. If ingested, product may cause irritation to the gastro-intestinal tract.

HMIS (United States):	
HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PPE	B

**NFPA (United States):**



**WHMIS (Canada):** D2B



## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS#	% by Weight
Starch	9005-84-9	10 - 25
Polyvinyl Alcohol	25213-24-5	5 - 20
Vinyl Acetate Polymer	9003-20-7	5 - 20
Filler	NJTSRN 970005	1 - 10

## 4 FIRST AID MEASURES

**Inhalation:** Remove patient to fresh air. If patient is having difficulty breathing, seek immediate medical attention. If not breathing, clear airway and start mouth-to-mouth artificial respiration (or use bag-mask respirator). Seek immediate medical attention.

**Skin Contact:** Wash affected areas with soap and water. If irritation develops, seek medical attention.

**Eye Contact:** Flush eyes with water for 15 minutes. Remove contact lenses prior to water flush. If irritation persists, seek medical attention.

**Ingestion:** DO NOT induce vomiting. Seek immediate medical attention. DO NOT give anything by mouth to an unconscious person.

## 5 FIRE FIGHTING MEASURES

**Flash Point:** Not Applicable.

**Flash Point Method:** Not Applicable.

**Autoignition Temp.:** Not Applicable.

**Burning Rate:** Not Available.

**Firefighting Equipment:** Wear self-contained breathing apparatus and protective gear suitable for surrounding fire.

**Special Remarks:** Material is not flammable. Dry adhesive will burn. In case of fire, use dry chemical or CO<sub>2</sub> extinguishing media as appropriate for surrounding fire. Hazardous products of combustion include carbon oxides (CO and CO<sub>2</sub>) and acetic acid.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear appropriate PPE. Make sure work area is ventilated. Spilled adhesive may be slippery.

**Environmental Precautions:** Keep out of sewer and drains.

**Clean-up Methods:** Dike and contain spill. Absorb spilled product with vermiculite, dry sand, or earth and allow to solidify. Dispose of solid material in a suitable container.

## 7 HANDLING AND STORAGE

**Handling Precautions:** Avoid breathing vapors. Handle in a well ventilated area. Wash hands with soap and water after handling.

**Storage Requirements:** Avoid freeezing and boiling temperatures. Minimize contact with atmospheric air to prevent inoculation with microorganisms.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls:** Provide adequate ventilation.

**Protective Equipment:** Wear safety glasses with side shields. Wear chemical resistant gloves. Wear normal work clothing. Ensure a functioning eye wash is in the work area.

### Exposure Guidelines / Other:

Product Name	Exposure Limits
Starch	OSHA PEL: TWA 15 mg/m <sup>3</sup> (total) TWA 5 mg/m <sup>3</sup> (respirable) ACGIH TLV: TWA 10 mg/m <sup>3</sup>

Consult local authorities and regulations for exposure limits.

## 9 **PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Yellow or White Mobile Liquid	<b>Boiling Point:</b>	Similar to Water
<b>Physical State:</b>	Liquid	<b>Freezing / Melting point:</b>	Similar to Water
<b>Odor:</b>	Mild Sweet	<b>Solubility:</b>	Soluble in Water
<b>pH:</b>	Not Available	<b>Specific Gravity / Density:</b>	Not available
<b>Vapor Pressure:</b>	Equivalent to Water	<b>VOC:</b>	< 20 g/L
<b>Vapor Density:</b>	Equivalent to Water		

## 10 **STABILITY AND REACTIVITY**

**Stability:** Product is stable as supplied. Coagulation may occur following freeze/thaw cycle or boiling.

**Conditions to Avoid:** Extreme temperatures.

**Materials to Avoid (incompatibility):** Copper and copper alloys, strong acids, and alkalies.

**Hazardous Decomposition Products:** Carbon oxides (CO and CO<sub>2</sub>).

**Hazardous Polymerization:** Will not polymerize.

## 11 **TOXICOLOGICAL INFORMATION**

**Acute Toxicity to Animals:** Poly(vinyl alcohol): Inhalation 4 hour LC50 > 20.0 mg/L (rat).  
Oral LD50 > 5000 mg/kg (rat).  
Dermal LD50 > 1000mg/kg (rabbit).

**Chronic Toxicity to Animals:** No additional information.

**Acute Toxicity to Humans:** This product has not been tested for human effects. This product is not expected to be toxic to humans. Biocide is corrosive to eyes.

**Chronic Effects on Humans:** No additional information.

**Carcinogenic Effects:** No additional information.

**Mutagenic Effects:** No additional information.

**Teratogenic Effects:** No additional information.

**Developmental Toxicity:** No additional information.

## 12 **ECOLOGICAL INFORMATION**

**Ecotoxicity:** Poly(vinyl alcohol): LC50 > 40000 ppm (fish - 96 hours)  
C50 = 7850 ppm (crustacean - 48 hours)  
EC50 > 50000 ppm (bacteria – Microtox method).

**BOD5 and COD:** Poly(vinyl alcohol): 100% BOD 30 day test with acclimation. Greater than 90% Zahn Wellens Test

**Biodegradable / OECD:** Not Available.

**Mobility:** Not Available.

**Toxicity of the Products of Biodegradation:** Not Available

## 13 **DISPOSAL CONSIDERATIONS**

Absorb spilled product with vermiculite, dry sand, or earth and allow to solidify. Dispose of solid material in a suitable container.

Dispose of in accordance with Federal, State, and local regulations.

## 14 **TRANSPORT INFORMATION**

**Restrictions:** None known.

**DOT Requirements:** Not a DOT controlled material (United States).

**DOT Classification:** Adhesive Resin Compound.

**Markings:** None.

**ADR Requirements:** Not an ADR controlled material (Europe).

**IMDG Requirements:** Not an IMDG controlled material.

**IATA Requirements:** Not an IATA controlled material.

**Marine Pollutant:** Not expected to be a marine pollutant.

## 15 REGULATORY INFORMATION

### U.S. Federal Regulations

Chemical (& CAS Number)	SARA 302 (EHS)TPQ	SARA 304 (EHS)Rq	SARA 313 <i>de minimis</i>	CERCLA Rq	CAA 112(r) TQ	RCRA Code
none						

All quantities in pounds

### State Regulations

Chemical (& CAS Number)	CA Prop 65	MA RTK	MN RTK	NJ RTK	PA RTK	RI RTK
Acetaldehyde (75-07-0)*	X					
Formaldehyde (50-00-0)*	X					

\*In trace amounts

### International Regulations

**DSL (Canada):** Components are listed.

**EINECS:** None.

**WHIMS:** D2B.

## 16 OTHER INFORMATION

### References

Lewis, R. J., *Rapid Guide to Hazardous Chemicals in the Workplace*, 4<sup>th</sup> ed., Wiley-Interscience, New York, 2000.

NIOSH Pocket Guide to Chemical Hazards, Department of Health and Human Services, National Institute for Occupational Safety and Health, 2004.

Patty's Toxicology, 5<sup>th</sup> ed. John Wiley & Sons, Inc. 2001.

TLVs and BEIs, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Agents, ACGIH Worldwide, Cincinnati, 2007.

### 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

CAA – Clean Air Act

CAS – Chemical Abstracts Services

CEPA – Canadian Environmental Protection Act

CERCLA – Comprehensive Environmental Response, Compensations, and Liability Act

CFR – Code of Federal Regulations

CL – Ceiling Exposure Limit

CWA – Clean Water Act

DOT – Department of Transportation

DSCL – Dangerous Substances Classification and Labeling (Europe)

DSL – Domestic Substance List (Canada)

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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

**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 manufacturer nor any of its subsidiaries assumes any liability whatsoever for 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.*

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END OF MSDS DOCUMENT