

MSDS *Material Safety Data Sheet*

Wilsonart International



MSDS Number: 19843

Wilsonart® Lokweld Wood Glue

Revision Date: 07/30/08

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1 PRODUCT AND COMPANY IDENTIFICATION

Common Name Wilsonart® Lokweld Wood Glue

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

Trade Name Lokweld Wood Glue

Material Uses Wood Glue

Revision # New

In Case of Emergency Contact:

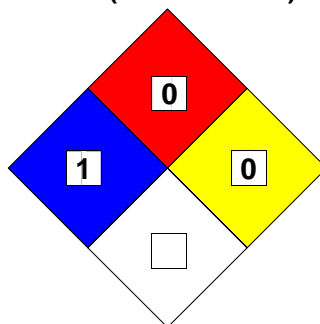
CHEMTREC: 800-424-9300 (USA)
703-527-3887 (INTERNATIONAL)

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 gastrointestinal 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.

Material is not flammable. Dry adhesive will burn.

In case of fire, use dry chemical or CO₂ extinguishing media as appropriate for surrounding fire.

Wear self-contained breathing apparatus and protective gear suitable for surrounding fire.

Hazardous products of combustion include carbon oxides (CO and CO₂) 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 freezing 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
Filler*	OSHA PEL: TWA 5 mg/m ³ (respirable) TWA 10 mg/m ³ (total)
	ACGIH TLV: TWA 10 mg/m ³
Starch	OSHA PEL: TWA 5 mg/m ³ (respirable) TWA 10 mg/m ³ (total)
	ACGIH TLV: TWA 10 mg/m ³

*Exposure limits for dry powder

Consult local authorities and regulations for exposure limits.

9 **PHYSICAL AND CHEMICAL PROPERTIES**

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

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 alkalis.
Hazardous Decomposition Products:	Carbon oxides (CO and CO ₂).
Hazardous Polymerization:	Will not polymerize.

11 **TOXICOLOGICAL INFORMATION**

Toxicity to Animals:	Poly(vinyl alcohol) – Oral LD ₅₀ > 5000 mg/Kg (rat). Inhalation LC ₅₀ > 20.0 mg/L (rat). Dermal LD ₅₀ > 1000mg/Kg (rabbit). Powdered product is slightly irritating to rabbit eyes.
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..

12 **ECOLOGICAL INFORMATION**

Ecotoxicity:	Poly(vinyl alcohol): LC ₅₀ > 40000 ppm (fish - 96 hours) LC ₅₀ = 7850 ppm (crustacean - 48 hours) EC ₅₀ > 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**

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

TSCA inventory: The chemicals in this product are listed.
SARA 302/304/322/312 Extremely hazardous substances: None.
SARA 302/304 Emergency planning and notification: None.
SARA 302/304/311/312 Hazardous chemicals: None.
SARA 311/312 MSDS distribution, chemical inventory, hazard identification: None.
SARA 313 Toxic chemical notification and release reporting: None.
CWA 307: None.
CWA 311: None.
CAA 112 Accidental release prevention: None.
CAA 112 Regulated flammable substances: None.
CAA 112 Regulated toxic substances: None.

International Regulations

DSL (Canada): None.
EINECS: Chemicals are listed..
WHIMS: D2B.

State Regulations

California: This product may contain the following components in trace quantities known to the state of California to cause cancer, and/or developmental toxicity and/or reproductive toxicity:
Acetaldehyde (CAS 75-07-0)
Formaldehyde (CAS 50-00-0)

Massachusetts: None.
Minnesota: None.
New Jersey: None.
Pennsylvania: None.
Rhode Island: None.

16 OTHER INFORMATION

References

Lewis, R. J., **Rapid Guide to Hazardous Chemicals in the Workplace**, 4th 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.
TLVs and BEIs, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Agents, ACGIH Worldwide, Cincinnati, 2003.

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
CWA – Clean Water Act

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

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.