

MSDS **Material Safety Data Sheet**

Wilsonart LLC

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Wilsonart® M - Melamine Adhesive

Revision Date: 01/30/13
Revision No.: 4

1 **PRODUCT AND COMPANY IDENTIFICATION**

Common Name: Wilsonart® M – Melamine Adhesive
Lokweld® Melamine Glue (M)

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

Trade Name: Wilsonart® M – Melamine Adhesive
Lokweld® Melamine Glue (M)

Material Uses: Adhesive for bonding porous to non-porous surfaces

In Case of Emergency Contact CHEMTREC: 800-424-9300 (USA)
703-527-3887 (INTERNATIONAL)

2 **HAZARDS IDENTIFICATION**

Route of Entry: Skin, eyes, inhalation, ingestion.

Target Organs: None.

Skin Contact: May cause skin irritation. Preexisting skin conditions may be aggravated by exposure to this material

Eye Contact: May cause eye irritation.

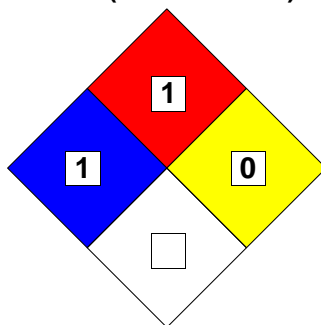
Inhalation: Breathing vapors may cause irritation to the respiratory tract. Preexisting respiratory conditions may be aggravated by exposure to this material.

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

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

NFPA (United States):

WHMIS (Canada): Not classified as hazardous



3 **COMPOSITION/INFORMATION ON INGREDIENTS**

Name	CAS#	% by Weight
Water	7732-18-5	40 – 50
Vinyl Acetate Polymers	Not Applicable	15 – 40
Styrene Acrylic Polymers	Not Applicable	15 – 40
Starch	9005-25-8	5 – 10
Aromatic Diester	NJTSRN 990011	1 – 5

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FIRST AID MEASURES

Skin Contact: Remove contaminated clothing and 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. Seek medical attention.

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.

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

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FIRE FIGHTING MEASURES

Flash Point: Not Applicable.

Flash Point Method: Not Applicable.

Autoignition Temp.: Not Applicable.

Burning Rate: Material is not flammable.

Flammability Classification: Combustible Liquid Class IIIB. Dry adhesive will burn.

Firefighting Equipment: Use self-contained breathing apparatus (SCBA) with a full-face piece and pressure demand or other positive-pressure mode and protective gear appropriate for surrounding materials. In case of fire, use water, dry chemical, CO₂, or alcohol foam extinguishing media.

Hazardous Products of Combustion: Carbon Oxides (CO and CO₂), Acetic Acid, Sulfur Oxides, Chlorine, Hydrogen Chloride, and various Hydrocarbons.

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ACCIDENTAL RELEASE MEASURES

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

Environmental Precautions: Keep out of sewers and drains.

Clean-Up Methods: Dike and contain spill. Absorb spilled product with vermiculite, dry sand, or earth. Place in a suitable non-leaking container and tightly seal for disposal.

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HANDLING AND STORAGE

Handling Precautions: Wear appropriate PPE. If used indoors, make sure to provide adequate ventilation to prevent vapor build-up. Avoid breathing of vapors.

Storage Requirements: Store in a cool, dry, well-ventilated area. Avoid freezing temperatures. Minimize contact with atmospheric air to prevent inoculation with microorganisms.

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EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use in a well-ventilated area. Ensure that a working eyewash and safety shower are in the work area.

Protective Equipment: Wear safety glasses with side shields, and neoprene or rubber gloves.

Exposure Guidelines / Other:

Product Name**Exposure Limits**

Starch (CAS 9005-25-8):	OSHA PEL:	TWA 15 mg/m ³ (total)	TWA 5 mg/m ³ (respirable)
	ACGIH TLV:	TWA 10 mg/m ³	

Consult local authorities and local regulations for exposure limits.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White liquid.

Physical State: Liquid

Odor: Mild sweet

Autoignition Temp.: Not Applicable

Boiling Point: Similar to water

Composite Partial Pressure: Not Applicable

Flash Point: Not Applicable

Freezing / Melting Point: Similar to water

Molecular Weight: Not Applicable

Percent Volatile: Not Available

pH: 7 – 8

Solubility: Soluble in Water

Specific Gravity / Density: 1.07 – 1.10

Vapor Density: Equivalent to water

Vapor Pressure: Equivalent to water

Viscosity: ~ 3900 cP

VOC: < 20 g/L

10**STABILITY AND REACTIVITY**

Stability: Product is stable as supplied.

Conditions to Avoid: Freezing and boiling temperatures.

Materials to Avoid (Incompatibility): Strong acids, bases, oxidizers, and reducing agents. Copper and copper alloys.

Hazardous Decomposition Products: Carbon Oxides (CO and CO₂), Acetic Acid, Sulfur Oxides, Chlorine, Hydrogen Chloride, and various Hydrocarbons.

Hazardous Polymerization: Will not polymerize.

11**TOXICOLOGICAL INFORMATION**

Acute Toxicity to Animals:

Vinyl Acetate Polymers (CAS Not Applicable): Oral toxicity LD50 > 2000 mg/kg (rat).

Chronic Toxicity to Animals: No additional information.

Acute Toxicity to Humans: No additional information.

Chronic Toxicity 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: Not Available. Not expected to be ecotoxic.

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: 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.

Packaging Requirements: Keep from freezing.

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
Starch (CAS 9005-25-8)(as dust)		X	X		X	X

International Regulations

DSL (Canada): The chemicals in this product are listed.

EINECS: The chemicals in this product are listed.

WHMIS: Not classified as hazardous.

16 OTHER INFORMATION

Prepared By: Environmental, Health, and Safety Department, Wilsonart LLC

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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.

END OF MSDS DOCUMENT