

MSDS **Material Safety Data Sheet**

Wilsonart LLC

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Wilsonart® H2O Adhesive

Revision Date: 01/30/13
Revision No: 21

1 **PRODUCT AND COMPANY IDENTIFICATION**

Common Name: Wilsonart® H2O Adhesive

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

Trade Name: H2O Adhesive or WA H2O Waterborne Contact Adhesive

Material Uses: Adhesive for laminate

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.

Eye Contact: May cause eye irritation.

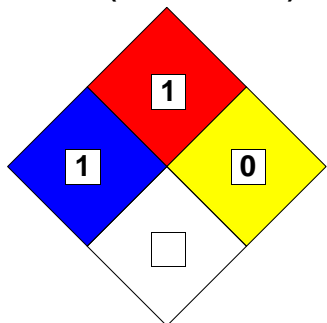
Inhalation: Breathing vapors may cause irritation to the respiratory tract.

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
Polychloroprene	9010-98-4	30 – 40
Resin Dispersion	Not Available	20 – 40
Zinc Oxide	1314-13-2	1 – 3
Resin Acid & Rosin Acid in Sodium and Potassium form	Not Available	< 5

4 **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.

5 FIRE FIGHTING MEASURES

Flash Point: Not Applicable.

Flash Point Method: Not Applicable.

Autoignition Temp.: Not Applicable.

Burning Rate: Material is not flammable. Dry adhesive will burn.

Flammability Classification: Not Applicable.

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) and various Hydrocarbons.

6 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.

7 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.

8 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

Zinc Oxide (CAS 1314-13-2): OSHA PEL: TWA 5 mg/m³ (fume) TWA 15 mg/m³ (total dust)

TWA 5 mg/m³ (respirable dust)

ACGIH TLV: TWA 2 mg/m³ STEL 10 mg/m³

Consult local authorities and local regulations for exposure limits.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White mobile liquid

Physical State: Liquid

Odor: Slight Ammonia

Autoignition Temp.: Not Applicable

Boiling Point: Similar to water

Flash Point: Not Applicable

Freezing / Melting Point: Similar to water

Molecular Weight: Not Applicable

Percent Volatile: Not Available

pH: 10 – 12

Solubility: Soluble in Water

Specific Gravity / Density: 1.09 (~ 9.1 lb/gal)

Vapor Density: Equivalent to water

Vapor Pressure: Equivalent to water

Viscosity: ~ 600 Cps

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, strong bases, copper and copper alloys.

Hazardous Decomposition Products: Carbon Oxides (CO and CO₂) and various Hydrocarbons.

Hazardous Polymerization: Will not polymerize.

11 TOXICOLOGICAL INFORMATION

Toxicity to Animals: This product has not been tested for animal effects. This product is not expected to be toxic to animals.

Toxicity to Humans: This product has not been tested for human effects. This product is not expected to be toxic to humans.

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.

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.

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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
Zinc Oxide (CAS 1314-13-2)		X	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.

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OTHER INFORMATION

Prepared By: Environmental, Health, and Safety Department, Wilsonart LLC.Telephone: 254-207-7000. Internet: www.wilsonart.com

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