

MSDS Material Safety Data Sheet

Wilsonart International



WILSONART® H2O Adhesive

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MSDS Number: 16419

Revision Date: 1/12/2006

1 PRODUCT AND COMPANY IDENTIFICATION

Common Name WILSONART® H2O Adhesive

MANUFACTURER WILSONART INTERNATIONAL
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

Revision # 18

In Case of Emergency Contact:

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

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS#	% by weight
Resin Dispersion	9002-89-5	10 - 40
Polychloroprene Resin	9010-98-4	20 - 70

3 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.

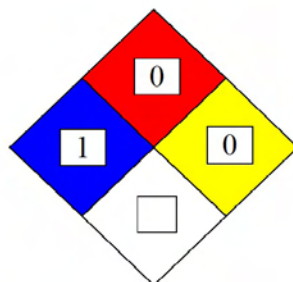
Eye Contact: May cause eye irritation

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

HMIS (United States):

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PPE	B

NFPA (United States):



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WHMIS (Canada): Not classified as hazardous.

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). Get immediate medical attention.
- Skin Contact:** Wash affected areas with soap and water. If irritation persist, seek medical attention.
- Eye Contact:** Flush eyes with water for 15 minutes. Remove contact lenses prior to water flush. Seek medical attention.
- Ingestion:** Give patient 3 - 4 glasses of water. DO NOT induce vomiting. Get 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 Temperature:** Not Applicable.

Material is not flammable. Dry adhesive will burn.

In case of fire use dry chemical or CO2 extinguishing media.

Use extinguishing media appropriate for surrounding materials.

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

Hazardous decomposition products include carbon oxides (CO, CO2) and acetic acid.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions:

Wear appropriate PPE. Make sure work area is well ventilated. Spilled adhesive may be slippery.

Environmental precautions:

Keep out of sewers or drains.

Clean-up methods

Dike and contain spill. Absorb spilled product with vermiculite, dry sand, or earth. Dispose in a suitable container.

7 HANDLING AND STORAGE

- Handling Precautions:** Avoid breathing vapors. Handle in well ventilated areas. Wash hands after handling with soap and water.
- Storage Requirements:** Avoid freezing and boiling temperatures. Minimize contact with atmospheric air to prevent inoculation with microorganisms.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls:** Use in a well ventilated area.
- Protective Equipment:** Wear approved safety glasses with side shields. Wear latex gloves.
Wear normal work clothing. Ensure a functioning eye wash is either in or near the work area.
- Exposure Guidelines/Other:** Consult local authorities and local regulations for exposure limits.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White mobile liquid.
Physical State: Liquid.
Odor: Light Ammonia.
pH: 10 - 11 (Basic)
Vapor Pressure: Equivalent to water.
Vapor Density: Equivalent to water.

Boiling Point: Similar to water.
Freezing/Melting Pt.: Similar to water.
Solubility: Soluble.
Spec Grav./Density: 1.094

VOC: < 20g/L
Viscosity: 600 (Brookfield).

10 STABILITY AND REACTIVITY

Stability: Stable as supplied. Coagulation may occur following freezing/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 (CO₂, CO) and acetic acid.
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 humans.

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 No additional remark.

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13 DISPOSAL CONSIDERATIONS

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

14 TRANSPORT INFORMATION

DOT Classification - Resin Compound - Not DOT Regulated//Keep from freezing
Proper Shipping Name - Adhesive Resin Compound
Markings - None
Packaging instructions - Keep from freezing
Marine Pollutant - NO
TDG hazard class - None

15 REGULATORY INFORMATION

U.S. Federal Regulations

TSCA inventory: The chemicals in this product are listed.
SARA 302/304/311/312 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

EINECS - Chemicals are listed.
DSL - R36/37 - Irritating to eyes and respiratory system.
WHIMS - Not classified as hazardous.

State Regulations

Pennsylvania RTK: None.
Minnesota RTK: None.
Massachusetts RTK: None.
New Jersey RTK: None.
Rhode Island RTK: None.
California Prop. 65:
Warning. This product may contain trace amounts of acetaldehyde and formaldehyde, chemicals known to the State of California to cause cancer or reproductive toxicity.

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

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Occupational Safety and Health, 2004.

TLVs and BEIs, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Agents, ACGI 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.

END OF MSDS DOCUMENT