

MSDS Material Safety Data Sheet

Wilsonart International



3000 Series Adhesive

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MSDS Number: 18950

Revision Date: 8/25/2005

1 PRODUCT AND COMPANY IDENTIFICATION

Common Name WILSONART® 3000 Adhesive Series
Includes:
WILSONART® 3000 Adhesive
WILSONART® 3001 Adhesive
WILSONART® 3002 Adhesive
WILSONART® 3028 Adhesive
WILSONART® 3029 Adhesive

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

Trade Name WA 3000 Adhesive Series or Lokweld 3000 Series Adhesive

MATERIAL USES Adhesive for bonding decorative laminate to wood products

Revision # 3

In Case of Emergency Contact:

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

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS#	% by weight
Vinyl acetate polymers	N/A	30 - 60
Aromatic diester (3000, 3002)	NJTSRN 950001; RN4452*	10 - 30
Aliphatic ester (3001)	NJTSRN 950003	10 - 40
Aromatic diester (3028)	NJTSRN 950004; RN4454*	1 - 5

*See Section 15 for Canadian HMIRC Registry Number exemptions.

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.

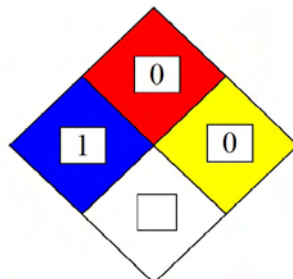
Eye Contact: May cause eye irritation.

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

HMIS (United States):

HEALTH	1*
FLAMMABILITY	0
REACTIVITY	0
PPE	B

NFPA (United States):



*See Section 11

WHMIS (Canada): D2A



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 develops, seek medical attention.
- Eye Contact: Flush eyes with water for 15 minutes. Remove contact lenses prior to water flush. Seek medical attention.
- Ingestion: Seek immediate medical attention. DO NOT induce vomiting unless instructed to do so by a physician. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. NEVER administer 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 water, dry chemical, or CO₂ extinguishing media.

Use extinguishing media appropriate for surrounding materials.

Wear self contained breathing apparatus and protective gear appropriate 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.

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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.
Storage Requirements: 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.
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:

<u>Product Name</u>	<u>Exposure Limits</u>
Vinyl acetate monomer (All, RN#4452, RN#4454)*	OSHA PEL:10 ppm; ACGIH TLV:10 ppm STEL 20 ppm
Aromatic diester (3028, RN#4454)*	OSHA PEL: 5 mg/m ³ ; ACGIH TLV: 5 mg/m ³
Aromatic diester (3000, RN#4452*, 3002)	OSHA PEL: 5 mg/m ³ ; ACGIH TLV: 5 mg/m ³

*See Section 15 for Canadian HMRI Registry Number exemptions.

Consult local authorities and local regulations for exposure limits .

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid, colors vary by adhesive type (3000 - Pink, 3001 - Green, 3002 - Blue, 3028 - White, 3029 - Blue, 3030 - White).

Physical State:	Liquid.	Boiling Point:	Similar to water.
Odor:	Mild, sweet.	Freezing/Melting Pt.:	Similar to water.
pH:	4 - 5 (acidic).	Solubility:	Dispersible in water.
Vapor Pressure:	Equivalent to water.	Spec Grav./Density:	1.08 - 1.18.
Vapor Density:	Equivalent to water.		

VOC: < 20 g/L.
Viscosity: 1500 - 2800 cps (typical).

10 STABILITY AND REACTIVITY

Stability: Stable as supplied. Coagulation may occur following freezing/thaw cycle or boiling.
Conditions to avoid: Freezing and boiling temperatures.
Materials to avoid (incompatibility): Copper and copper alloys, strong acids, and alkalies.

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Hazardous Decomposition products: Carbon oxides (CO₂, CO) and acetic acid.

Hazardous Polymerization: Will not polymerize.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: No Data.

Chronic toxicity:

All (RN#4452, RN#4454)*

These products may contain trace amounts of vinyl acetate monomer (VAM), and ACGIH evaluates VAM as an A3-Animal Carcinogen. Available evidence suggests that VAM is not likely to cause cancer in humans except under uncommon or unlikely routes of exposure, but because VAM can be metabolized to acetaldehyde, which has an IARC 2B classification (possibly carcinogenic to humans), it also has been listed under IARC Category 2B.

WA 3000 (RN#4452*); WA 3001; WA 3002

Chronic ingestion of an ingredient in these products has been shown to cause tumors in laboratory animals. An ingredient in these products has been shown to be a reproductive toxin in laboratory animals.

WA 3028 (RN#4454*)

Chronic ingestion of an ingredient in this product has been shown to cause adverse effects on the liver (increased liver weights and microscopic liver lesions), spermatogenic effects, and testicular lesions in laboratory animals. An ingredient in this product has been shown to be a teratogen and reproductive toxin in laboratory animals. An ingredient in this product has been shown to cause mutagenic effects in bacteria and animals cells, in vitro.

*See Section 15 for Canadian HMIRC Registry Number exemptions

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.
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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

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REGULATORY INFORMATION

U.S. Federal Regulations

OSHA (29 CFR 1910.1200) - Vinyl acetate.

CERCLA Reportable quantity (Rq) values:

Vinyl acetate monomer 5000 lbs.

Acetaldehyde 1000 lbs.

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: Vinyl acetate monomer, NJTSRN 970004.

CWA 307: NJTSRN 970004.

CWA 311: None.

CAA 112 accidental release prevention: None.

CAA 112 regulated flammable substances: None.

CAA 112 regulated toxic substances: Vinyl acetate monomer.

International Regulations

EINECS - The chemicals are listed.

DSL - R36/37 - Irritating to eyes and respiratory system.

WHIMS - D2A

HMIRC Registry Number 4452 and Registry Number 4454 were granted exemptions dated January 26, 2005 by the Canadian Hazardous Materials Information Review Commission.

State Regulations

Pennsylvania RTK:

Vinyl acetate monomer, acetaldehyde, NJTSRN 970004

Minnesota:

Vinyl acetate monomer, acetaldehyde, NJTSRN 970004

Massachusetts RTK:

Vinyl acetate monomer, acetaldehyde, NJTSRN 970004

New Jersey RTK:

Vinyl acetate monomer, acetaldehyde, NJTSRN 970004

Rhode Island:

Vinyl acetate monomer, acetaldehyde, NJTSRN 970004

California Prop. 65:

Warning. This product may contain trace amounts of vinyl acetate monomer acetaldehyde and formaldehyde, chemicals known to the State of California to cause cancer or reproductive toxicity.

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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.

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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.