

MSDS Material Safety Data Sheet

Wilsonart International



BlueFusion™ Adhesive

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MSDS Number: 18876

Revision Date: 9/8/2005

1 PRODUCT AND COMPANY IDENTIFICATION

Common Name Wilsonart® BlueFusion™ Adhesive

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

Trade Name WA BlueFusion Adhesive

MATERIAL USES Laminate Flooring Seam Adhesive

Revision # 1

In Case of Emergency Contact:

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

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS#	% by weight
Surfactant	N/A	<1
Vinyl acetate polymers	N/A	50 - 70
Water	7732-18-5	30 - 50

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.

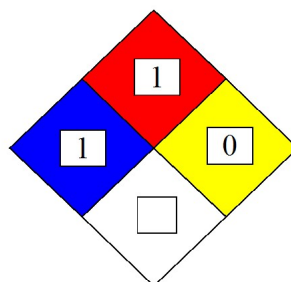
Eye Contact: May cause eye irritation.

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

HMIS (United States):

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PPE	B

NFPA (United States):



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 develops, 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:** >212 °F (>100 °C)
- Autoignition Temperature:** Not available.

Material is not flammable. Dry adhesive will burn.

In case of fire use water, dry chemical, or CO₂.

Use extinguishing media appropriate for surrounding materials.

Use self contained breathing apparatus and protective gear appropriate for surrounding materials.

Hazardous products of combustion: Carbon oxides (CO, CO₂), aldehydes 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.
- Storage Requirements:** Avoid freezing temperatures. Rotate stock. Shelf life expires 1 year from date of manufacture. 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.

9 PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** White mobile liquid

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Physical State:	Liquid	Boiling Point:	Similar to water
Odor:	Mild, sweet	Freezing/Melting Pt.:	Similar to water
pH:	2.42 (acidic)	Solubility:	Dispersable
Vapor Pressure:	Equivalent to water	Spec Grav./Density:	1.07
Vapor Density:	Equivalent to water		
VOC:	< 20 g/L		
Evap. Rate:	Similar to water		
Molecular Weight:	Not Available		
Viscosity:	2.5 kPa (20 C)		
Molecular Formula:	Not Available		

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):	Strong acids and alkalies.
Hazardous Decomposition products:	Carbon oxides (CO ₂ , CO), aldehydes, and acetic acid.
Hazardous Polymerization:	Will not polymerize.

11 TOXICOLOGICAL INFORMATION

Acute toxicity: no data available.
Chronic toxicity: no data available.
Product is expected to be non-toxic as supplied and used appropriately.

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.

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
Not controlled under ADR (Europe).
Not controlled under IMDG.
Not controlled under IATA.

15 REGULATORY INFORMATION

U.S. Federal Regulations

OSHA (29 CFR 1910.1200) - None
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 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 - The chemicals in this product are listed.
DSL - The chemicals in this product are listed.
WHIMS - Not classified as hazardous.

State Regulations

Pennsylvania RTK: acetaldehyde
Minnesota: acetaldehyde
Massachusetts RTK: acetaldehyde
New Jersey RTK: acetaldehyde
Rhode Island: acetaldehyde
California Prop. 65:

Warning. This product may contain trace amounts of formaldehyde and acetaldehyde, a chemical 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 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.