

1 PRODUCT AND COMPANY IDENTIFICATION

Common Name **Wilsonart® BlueFusion® Adhesive**

Manufacturer **WILSONART FLOORING, A Division of WILSONART INTERNATIONAL, INC.**
P. O. BOX 6110 – 3301 CENTER STREET
TEMPLE, TX 76503
INFORMATION PHONE: 800-435-9109 (USA)

Trade Name **WA BlueFusion® Adhesive**

Material Uses **Laminate Flooring Seam Adhesive**

Revision # **4**

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

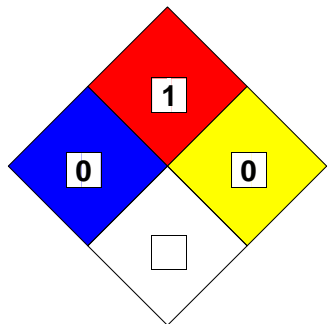
2 HAZARDS IDENTIFICATION

Route of Entry: Skin contact, eye contact, inhalation, and ingestion.
Target Organs: None
Inhalation: Breathing vapors may cause irritation to the respiratory tract. Preexisting respiratory conditions may be aggravated by exposure to this material.
Skin Contact: May cause irritation of the skin. Preexisting skin conditions may be aggravated by exposure to this material.
Eye Contact: May cause irritation of the eyes.
Ingestion: Not an expected route of entry. If ingested, product may cause irritation to the gastro-intestinal tract.

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

NFPA (United States):

WHMIS (Canada): D2B



3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS#	% by Weight
Vinyl Acetate Polymers	not available	45 – 55
Water	7732-18-5	45 – 55
Aluminum Chloride	7446-70-0	1 – 1.5
Surfactant	not available	< 1.0

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). Seek immediate medical attention.
- Skin Contact:** Remove contaminated clothing. 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. 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 Available.
- Burning Rate:** Not Available.
- Flammability Classification:** Combustible Liquid Class IIIB. Dry adhesive will burn.
- Hazardous Products of Combustion:** Carbon Oxides (CO and CO₂), Aldehydes, Acetic Acid, Sulfur Oxides, Chlorine, and Hydrogen Chloride.
- Unusual Fire and Explosion Hazards:** Product as sold does not present an explosion hazard.
- Special Remarks:** In case of fire use water, dry chemical, or CO₂. Use extinguishing media as appropriate for surrounding fire. Use self-contained breathing apparatus and protective equipment appropriate for the surrounding fire and materials.

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.
- Small Spill or Leak:** Absorb spilled product with vermiculite, dry sand, or earth. Dispose of material in a suitable container.
- Large Spill or Leak:** Dike and contain spill. Absorb spilled product with vermiculite, dry sand, or earth. Dispose of material in a suitable container.

7 HANDLING AND STORAGE

- Handling Precautions:** Avoid breathing of vapors. Handle in a well-ventilated area.
- Storage Requirements:** Store in a cool, dry, ventilated area. Avoid freezing temperatures. Minimize atmospheric contact to prevent inoculation with microorganisms.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering Controls:** Use in a well-ventilated area.
- Protective Equipment:** Wear safety glasses with side shields. Wear appropriate chemical resistant gloves. Ensure a functioning eyewash is in the area.

Consult local authorities and regulations for exposure limits.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Blue mobile liquid	Boiling Point:	212°F (100°C)
Physical State:	Liquid	Freezing / Melting point:	Similar to water
Odor:	Mild sweet	Solubility:	Dispersible in water
pH:	3.0	Specific Gravity / Density:	1.08
Vapor Pressure:	18.62 mm Hg @ 70°F/21.1°C	Evaporation Rate:	Similar to water
Vapor Density:	Not Available	Viscosity:	4900 cP
VOC:	Not Available	Molecular Weight:	Not Available
Molecular Formula:	Not Available		

10 STABILITY AND REACTIVITY

Stability: Product is stable as supplied. Coagulation may occur following freeze/thaw cycle or boiling.
Conditions to Avoid: Extreme temperatures.
Materials to Avoid (Incompatibility): Strong acids, alkalis, and oxidizers.
Hazardous Decomposition Products: Carbon oxides (CO and CO₂), aldehydes, acetic acid, hydrogen, chlorine, and hydrogen chloride.
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.

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

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

14 TRANSPORT INFORMATION

Restrictions: None known.
Proper Shipping Name: Adhesive Resin Compound
Markings: None
Packaging Instructions: Keep from freezing
DOT Requirements: Not a DOT controlled material (United States).
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
Acetaldehyde (75-07-0)*	X*	X	X	X	X	X
Formaldehyde (50-00-0)*	X*					

* In trace amounts

International Regulations

DSL (Canada): None.

EINECS: None.

WHMIS: D2B.

16 OTHER INFORMATION

References

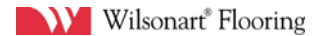
- Lewis, R. J., *Rapid Guide to Hazardous Chemicals in the Workplace*, 4th ed., Wiley-Interscience, New York, 2000.
- NIOSH Pocket Guide to Chemical Hazards, Department of Health and Human Services, National Institute for Occupational Safety and Health, 2007.
- Patty's Toxicology, 5th ed. John Wiley & Sons, Inc. 2001.
- TLVs and BEIs, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Agents, ACGIH Worldwide, Cincinnati, 2007.

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

MSDS Material Safety Data Sheet

Wilsonart Flooring



MSDS Number: 18876

Wilsonart® BlueFusion® Adhesive

Revision Date: 08/30/09

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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