

**1** **PRODUCT AND COMPANY IDENTIFICATION**

**Common Name**      Wilsonart® Silicone Sealant

**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**      Sealant for Flooring Products

**Material Uses**      Sealant for Laminate Flooring

**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.

**Skin Contact:** May cause irritation of the skin.

**Eye Contact:** Vapors may cause irritation of the eyes.

**Ingestion:** Not an expected route of entry. If ingested, product may cause irritation to the gastrointestinal tract.

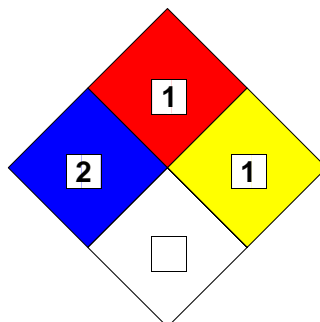
**Caution**

Acetic Acid is given off while material is curing (hardening). Observe guidelines for exposure to acetic acid when using this material. Ensure adequate ventilation at all times when using this material.

HMIS (United States):	
HEALTH	2
FLAMMABILITY	1
REACTIVITY	1
PPE	B

NFPA (United States):

WHMIS (Canada): D1B

**3** **COMPOSITION/INFORMATION ON INGREDIENTS**

Name	CAS#	% by Weight
Acetic Acid	64-19-7	1 – 5

## 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:** 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:** Not an expected route of entry. Rinse mouth several times with water to remove excess material. 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:** > 250°F (>121°C).
- Flash Point Method:** Tag Open Cup.
- Autoignition Temp.:** Not Available.
- LEL:** Not Available
- UEL:** Not Available
- Hazardous Products of Combustion:** Carbon oxides (CO and CO<sub>2</sub>), silicon dioxide, formaldehyde, and acetic acid.
- Unusual Fire and Explosion Hazards:** Product as sold does not present an explosion hazard.
- Flammability Classification:** Class IIB - Combustible

Material is not flammable. Dry adhesive will burn. In case of fire use water, dry chemical, or CO<sub>2</sub>. 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.
- 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. Wash hands thoroughly after use.
- Storage Requirements:** Store in a cool, dry, well-ventilated area. Avoid elevated temperatures above 90°F (32°C). Avoid contact with moisture. Keep out of reach of children.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering Controls:** Provide adequate ventilation to meet exposure guidelines.
- Protective Equipment:** If proper ventilation is not available, wear an approved/certified respirator with an organic vapor/acid gas cartridge. Wear safety glasses with side shields. Wear latex gloves. Ensure a functioning eyewash is in the area.

**Exposure Guidelines / Other:**

Product Name	Exposure Limits
Acetic Acid	OSHA PEL: TWA 10 ppm ACGIH TLV: TWA 10 ppm STEL 15 ppm

Consult local authorities and regulations for exposure limits.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Thick paste	<b>Boiling Point:</b>	Not Available
<b>Physical State:</b>	Liquid	<b>Freezing / Melting point:</b>	Not Available
<b>Odor:</b>	Vinegar (acetic acid)	<b>Solubility:</b>	Not Soluble in Water
<b>pH:</b>	2.4 (acidic)	<b>Specific Gravity / Density:</b>	1.05
<b>Vapor Pressure:</b>	Not Available	<b>Evaporation Rate:</b>	Similar to water
<b>Vapor Density:</b>	> 1	<b>Viscosity:</b>	Not Available
<b>VOC:</b>	0.4 lb/gal		
<b>Percent Volatile:</b>	4%		

**10 STABILITY AND REACTIVITY**

<b>Stability:</b>	Product is stable as supplied.
<b>Conditions to Avoid:</b>	Elevated temperatures above 90°F (32°C).
<b>Materials to Avoid (incompatibility):</b>	Avoid moisture (water) during storage.
<b>Hazardous Decomposition Products:</b>	Carbon oxides (CO and CO <sub>2</sub> ), silicon dioxide, formaldehyde, and acetic acid.
<b>Hazardous Polymerization:</b>	Non-hazardous cure when exposed to moisture (water).

**11 TOXICOLOGICAL INFORMATION**

<b>Toxicity to Animals:</b>	Acetic acid LD <sub>50</sub> Oral – 3310 mg/kg (rat) LD <sub>50</sub> Dermal – 1112 mg/kg (rabbit) LC <sub>50</sub> Inhalation – 5620 ppm (mouse) (1 hour)
<b>Toxicity to Humans:</b>	This product has not been tested for human effects. This product is not expected to be toxic to humans.

**12 ECOLOGICAL INFORMATION**

<b>Ecotoxicity:</b>	Not Available. Not expected to be ecotoxic.
<b>BOD5 and COD:</b>	Not Available
<b>Biodegradable / OECD:</b>	Not Available
<b>Mobility:</b>	Not Available
<b>Toxicity of the Products of Biodegradation:</b>	Not Available
<b>Special Remarks on the Products of Biodegradation:</b>	Not Available

**13 DISPOSAL CONSIDERATIONS**

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

**14 TRANSPORT INFORMATION**

<b>Restrictions:</b>	None known.
<b>Proper Shipping Name:</b>	Not Available.

<b>Markings:</b>	Not Available.
<b>DOT Requirements:</b>	Not a DOT controlled material (United States).
<b>ADR Requirements:</b>	Not an ADR controlled material (Europe).
<b>IMDG Requirements:</b>	Not an IMDG controlled material.
<b>IATA Requirements:</b>	Not an IATA controlled material.
<b>Marine Pollutant:</b>	Not expected to be a marine pollutant.

## 15 REGULATORY INFORMATION

### U.S. Federal Regulations

- CERCLA Rq:** Acetic acid 5000 lbs.
- TSCA inventory:** The chemicals in this product are listed.
- SARA 302/304/322/312 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

- DSL (Canada):** The components, Acetic Acid, Amorphous Silica, Dimethylpolysiloxane, Hydroxyl Terminated Dimethylpolysiloxane, and Ethyltriacetoxysiloxane are listed.
- EINECS:** None.
- WHIMS:** D1B

### State Regulations

- California:** Acetic Acid.
- Massachusetts:** Acetic Acid, Amorphous Silica.
- Minnesota:** Acetic Acid, Amorphous Silica.
- New Jersey:** Acetic Acid.
- Pennsylvania:** Amorphous Silica.
- Rhode Island:** None.

## 16 OTHER INFORMATION

### References

- Lewis, R. J., **Rapid Guide to Hazardous Chemicals in the Workplace**, 4<sup>th</sup> 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**, 5<sup>th</sup> 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  
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:**

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**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.*