

MSDS Material Safety Data Sheet

Wilsonart International



Wilsonart® Silicone Sealant

Page 1 of 6

MSDS Number: 16448

Revision Date: 7/6/2005

1 PRODUCT AND COMPANY IDENTIFICATION

Common Name Wilsonart® Silicone Sealant

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

Trade Name Sealant for flooring products

MATERIAL USES Sealant for laminate flooring

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 |
|---------------------|---------|-------------|
| Glacial acetic acid | 64-16-7 | 1 - 5 |

3 HAZARDS IDENTIFICATION

Route of Entry: Skin contact, eye contact, inhalation, and ingestion.

Target Organs: None.

Inhalation: Inhalation of vapors may irritate mucous membranes. May be irritating to the respiratory tract.

Skin Contact: May be irritating to the skin.

Eye Contact: Vapors may be irritating to the eye.

Ingestion: Not an expected route of entry with normal use of product. Hands should be cleaned thoroughly after usage to prevent transfer of product from fingers to mouth. Ingestion may result in irritation to the digestive tract.

CAUTION!

MAY CAUSE RESPIRATORY TRACT, EYE, AND SKIN IRRITATION.

Although not initially present in the material, acetic acid is given off during the first 24 hours of sealant cure. Ensure to observe exposure guidelines for acetic acid when using this material. Ensure adequate ventilation at all times when using this material.

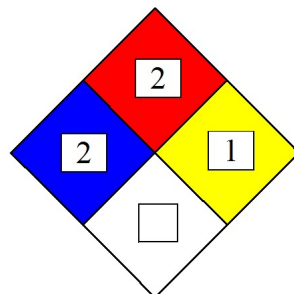
MSDS Number: 16448

Revision Date: 7/6/2005

HMIS (United States):

| | |
|--------------|---|
| HEALTH | 3 |
| FLAMMABILITY | 2 |
| REACTIVITY | 1 |
| PPE | B |

NFPA (United States):



WHMIS (Canada): D1B.



4 FIRST AID MEASURES

- Inhalation:** Remove victim to a well ventilated area. If irritation or breathing discomfort persists, seek medical attention.
- Skin Contact:** Wash thoroughly with soap and water. If irritation persists, seek medical attention.
- Eye Contact:** Immediately flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.
- Ingestion:** Not an expected route of entry with normal use of product. Rinse mouth several times with water. Give victim several glasses of water or milk. Never give an unconscious person anything to ingest. Seek medical attention.

5 FIRE FIGHTING MEASURES

- Flash Point:** Not Applicable.
- Flash Point Method:** >250 °F
- Burning Rate:** Open Cup.
- Autoignition Temperature:** Not Available.
- LEL:** Not Available.
- UEL:** Not Available.
- Flammability Classification:** Class IIB Combustable.

Use extinguishing media appropriate for surrounding fire. Wear fire protection equipment appropriate for the surrounding fire. Hazardous decomposition products include carbon oxides (CO and CO₂), SiO₂ and acetic acid.

6 ACCIDENTAL RELEASE MEASURES

Small spill or leak - Absorb with an inert absorbant material (vermiculite). Dispose of solid material in garbage. Not considered a hazardous waste.

Large spill or leak - Absorb with an inert material. Ensure good ventilation if present. Do not allow others into the area until fumes are removed.

7 HANDLING AND STORAGE

- Handling Precautions:** Wear appropriate personal protective equipment (latex gloves and safety glasses with side shields) and wash hands thoroughly after use.
- Storage Requirements:** Store in a cool dry well ventilated area. Avoid elevated temperatures (above 90 °F). Avoid moisture as product will react 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 latex gloves while using product. Wear safety glasses with side shields.

| Exposure Guidelines/Other: | <u>Product Name</u> | <u>Exposure Limits</u> |
|-----------------------------------|---------------------|--|
| | Glacial acetic acid | ACGIH (TWA): 10 ppm, STEL 15 ppm OSHA (TWA): 10 ppm |

Consult local authorities and local regulations for exposure limits.

9 PHYSICAL AND CHEMICAL PROPERTIES

- | | | | |
|--------------------------|-----------------------------|------------------------------|---------------------|
| Appearance: | Clear Paste. | Boiling Point: | Not Available. |
| Physical State: | Thick Paste. | Freezing/Melting Pt.: | Not Applicable. |
| Odor: | Vinegar (Acetic acid) odor. | Solubility: | Insoluble in water. |
| pH: | Not Applicable. | Spec Grav./Density: | 1.05 |
| Vapor Pressure: | Not Applicable. | | |
| Vapor Density: | > 1 | | |
| VOC: | 0.4 lbs./gal | | |
| Percent Volatile: | 4% | | |

10 STABILITY AND REACTIVITY

- Stability:** Product is stable when used as intended.
- Conditions to avoid:** Avoid elevated temperatures.
- Materials to avoid (incompatibility):** Avoid moisture during storage. Releases acetic acid when exposed to moisture.
- Hazardous Decomposition products:** Carbon oxides (CO and CO₂), SiO₂, and acetic acid.
- Hazardous Polymerization:** Non hazardous cure when exposed to moisture.

11 TOXICOLOGICAL INFORMATION

MSDS Material Safety Data Sheet

Wilsonart International



Wilsonart® Silicone Sealant

Page 4 of 6

MSDS Number: 16448

Revision Date: 7/6/2005

Toxicity to Animals:

Galcial acetic acid - Oral LD50 3300 ppm (rat). Dermal LD50 1100 ppm (rat). Inhalation LC50 1600 ppm (rat).

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.

Mobility - Not available.

Toxicity of the Products of Biodegradation - Not available.

13 DISPOSAL CONSIDERATIONS

This container may be hazardous when empty. Container may contain product residues. Do not reuse container.

Dispose of according to Federal, State, and local regulations.

14 TRANSPORT INFORMATION

DOT Hazard Class: Not considered hazardous.

Proper Shipping Name: Not Applicable.

Packing Group: Not Applicable.

Identification Number: Not Applicable.

Not expected to be a marine pollutant.

Not controlled under ADR (Europe).

Not controlled under IMDG.

Not controlled under IATA.

15 REGULATORY INFORMATION

U.S. Federal Regulations

CERCLA Rq
Acetic acid 5000 lbs.

TSCA inventory - Acetic acid.

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: None.

CWA 307: None.

CWA 311: None.

CAA 112 accidental release prevention: None.

CAA 112 regulated toxic substances: None.

International Regulations

DSCL (EEC) - 36/38 - Irritating to eyes and skin.

MSDS Number: 16448

Revision Date: 7/6/2005

DSL (Canada) - Chemicals are listed.
EINECS - None.
WHMIS - D1B.

State Regulations

Massachusetts RTK: Acetic acid, silica, methyltriacetoxysilane, polydimethylsiloxane, ethyltriacetoxysilane, hydroxy terminated polydimethylsiloxane.

Minnesota RTK: None.

New Jersey RTK: Acetic acid, silica, methyltriacetoxysilane, polydimethylsiloxane, ethyltriacetoxysilane, hydroxy terminated polydimethylsiloxane.

Pennsylvania: Acetic acid, silica, methyltriacetoxysilane, polydimethylsiloxane, ethyltriacetoxysilane, hydroxy terminated polydimethylsiloxane.

Rhode Island: None.

California Prop. 65: None.

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.
Patty's Toxicology, 5th ed., John Wiley & Sons, New York, 2001.
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

MSDS Material Safety Data Sheet

Wilsonart International



Wilsonart® Silicone Sealant

Page 6 of 6

MSDS Number: 16448

Revision Date: 7/6/2005

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

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