

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name : Wilsonart 3140 Adhesive
Product form : Mixture
Other means of identification : Includes:Wilsonart 3140 Adhesive

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Adhesive for laminate

1.3. Details of the supplier of the safety data sheetManufacturer:

Wilsonart LLC
P.O. Box 6110
Temple, TX 76503-6110
Information phone: 800-433-3222 (USA)
In Case of Emergency Contact CHEMTREC (International): 703-527-3887

Canadian Supplier:

Wilsonart Canada
380 Courtney Park Dr. East, Unit A
Mississauga, Ontario L5T 2S5
905-565-7855

1.4. Emergency telephone number

Emergency number : CHEMTREC: (800) 424-9300

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****GHS-CAN classification**

None

2.2. Label elements**GHS-CAN labeling**

Hazard statements (GHS-CAN) : None

Precautionary statements (GHS-CAN) : P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P261 - Avoid breathing vapors, mist
P272 - Contaminated work clothing must not be allowed out of the workplace
P280 - Wear protective gloves, face shield, eye protection
P302+P352 - If on skin: Wash with plenty of soap and water
P308+P313 - If exposed or concerned: Get medical advice/attention
P321 - Specific treatment (see first aid instructions, first aid instructions on this label)
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P362+P364 - Take off contaminated clothing and wash it before reuse
P405 - Store locked up
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CAN)

No data available

SECTION 3: Composition/Information on ingredients**3.1. Substance**

Not applicable

3.2. Mixture

Product may contain one or more of the following substances:

Name	Product identifier	%
Boric acid (10043-35-3)	(CAS No) 10043-35-3	0.243
Ethyl alcohol	(CAS No) 64-17-5	0.0074

Wilsonart 3140 Adhesive

Safety Data Sheet

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SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.
- First-aid measures after inhalation : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention. If breathing is difficult, supply oxygen. If breathing has stopped, give artificial respiration.
- First-aid measures after skin contact : IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.
- First-aid measures after eye contact : IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Get medical attention immediately. Continue rinsing.
- First-aid measures after ingestion : IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention immediately.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : May cause an allergic skin reaction. May damage fertility or the unborn child.
- Symptoms/injuries after inhalation : May cause respiratory irritation.
- Symptoms/injuries after skin contact : May cause an allergic skin reaction.
- Symptoms/injuries after eye contact : Direct contact with the eyes is likely to be irritating.
- Symptoms/injuries after ingestion : May cause gastrointestinal irritation.
- Chronic symptoms : May damage fertility. May damage the unborn child.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire. Foam. Carbon dioxide. Dry chemical. Water spray. Water fog.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Not flammable. Dry adhesive will burn.
- Explosion hazard : Product is not explosive.
- Reactivity : No dangerous reactions known under normal conditions of use.

5.3. Advice for firefighters

- Precautionary measures fire : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Evacuate area. Ventilate area. Keep upwind. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).

6.1.1. For non-emergency personnel

- Protective equipment : Wear Protective equipment as described in Section 8.
- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Approved supplied-air respirator, in case of emergency. Wear suitable protective clothing, gloves and eye or face protection.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Methods for cleaning up : Wear suitable protective clothing. Ventilate area. Sweep or shovel spills into appropriate container for disposal. In case of spills, beware of slippery floors and surfaces. This material and its container must be disposed of in a safe way, and as per local legislation. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

Wilsonart 3140 Adhesive

Safety Data Sheet

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6.4. Reference to other sections

See Sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Avoid breathing vapors, mist. Use only in well-ventilated areas. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Minimize contact with atmospheric air to prevent inoculation with microorganisms.

Storage conditions : Avoid freezing. Store in a well-ventilated place. Keep cool. Store in a dry place.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Boric acid (10043-35-3)*	
ACGIH TWA (mg/m ³)	2 (inhalable fraction, listed under Borate compounds, inorganic)
ACGIH STEL (mg/m ³)	6 (inhalable fraction, listed under Borate compounds, inorganic)
British Columbia (TWA) (mg/m ³)	2 mg/m ³
British Columbia (STEL) (mg/m ³)	6 mg/m ³
Saskatchewan (TWA) (mg/m ³)	2 mg/m ³
Saskatchewan (STEL) (mg/m ³)	6 mg/m ³
Ontario (TWA) (mg/m ³)	2 mg/m ³
Ontario (STEL) (mg/m ³)	6 mg/m ³

Ethyl alcohol (64-17-5)*	
ACGIH STEL (ppm)	1000 ppm
Alberta (TWA) (mg/m ³)	1880 mg/m ³
Alberta (TWA)(ppm)	1000 ppm
British Columbia (STEL) (ppm)	1000 ppm
Saskatchewan (STEL) (ppm)	1250 ppm
Saskatchewan (TWA) (ppm)	1000 ppm
Ontario (STEL) (ppm)	1000 ppm
Quebec (TWA) (ppm)	1000 ppm
Quebec (TWA) (mg/m ³)	1880 mg/m ³
Yukon (TWA) (mg/m ³)	1000 (mg/m ³)
Yukon (TWA) (ppm)	1900 (ppm)
Yukon (STEL) (mg/m ³)	1000 (mg/m ³)
Yukon (STEL) (ppm)	1900 (ppm)

*The exposure limits for the provinces of Manitoba, Newfoundland and Labrador, New Brunswick, Nova Scotia, and Prince Edward Island, as well as the Nunavut and Northwest Territories are all based on the current ACGIH TLVs®

8.2. Exposure controls

Appropriate engineering controls : Provide adequate general and local exhaust ventilation or other engineering controls to control airborne and dust levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment : Gloves. Protective goggles. Wear chemically impervious apron over lab coat and full coverage clothing.



Wilsonart 3140 Adhesive

Safety Data Sheet

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Hand protection	: Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.
Eye protection	: Wear eye protection. If fabrication or processing results in airborne particulates and/or dust wear chemical splash goggles.
Skin and body protection	: Wear long sleeves.
Respiratory protection	: Where vapor, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: White.
Odor	: Mild. Sweet.
Odor Threshold	: No data available
pH	: 2.9 - 6
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: Similar to water
Freezing point	: No data available
Boiling point	: Similar to water
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: Equivalent to water
Relative vapor density at 20 °C	: Equivalent to water
Relative density	: 1.08 - 1.16
Solubility	: Soluble in water.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: No data available

9.2. Other information

VOC content	: < 20 g/l
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SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Freezing and boiling temperatures.

10.5. Incompatible materials

Strong acids. Bases. Oxidizing agent. Reducing agents. Copper alloys.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO₂). Sulfur oxides. Hydrogen Bromide. Hydrogen Chloride. Hydrocarbons.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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Safety Data Sheet

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Acute toxicity : Not classified

Boric acid (10043-35-3)	
LD50 oral rat	2660 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 0.16 mg/l/4h
ATE CLP (oral)	2660.000 mg/kg body weight

Ethyl alcohol (64-17-5)	
LC50 inhalation rat (mg/l)	124.7 mg/l/4h

Skin corrosion/irritation : Not classified

pH: 2.9 - 6

Serious eye damage/irritation : Not classified

pH: 2.9 - 6

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Ethyl alcohol (64-17-5)	
IARC group	1 - Carcinogenic to humans

Reproductive toxicity : May damage fertility or the unborn child.

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Symptoms/injuries after inhalation : May cause respiratory irritation.

Symptoms/injuries after skin contact : May cause an allergic skin reaction.

Symptoms/injuries after eye contact : Direct contact with the eyes is likely to be irritating.

Symptoms/injuries after ingestion : May cause gastrointestinal irritation.

Chronic symptoms : May damage fertility. May damage the unborn child.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Not expected to be ecotoxic.

12.2. Persistence and degradability

Wilsonart 3140 Adhesive	
Persistence and degradability	No information available.

12.3. Bioaccumulative potential

Wilsonart 3140 Adhesive	
Bioaccumulative potential	No information available.

12.4. Mobility in soil

Wilsonart 3140 Adhesive	
Ecology - soil	No information available.

12.5. Other adverse effects

Other adverse effects : No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Obtain the consent of pollution control authorities before discharging to wastewater treatment plants.

Waste disposal recommendations : Do not allow the product to be released into the environment. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

SECTION 14: Transport information

In accordance with TDG

Not hazardous for transport

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Additional information

Other information : No supplementary information available.

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. Canadian Federal Regulations

Wilsonart 3140 Adhesive

All chemical substances in this product are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL) or are exempt.

SECTION 16: Other information

Indication of changes : Revision 2
Revision date : 7/10/2018
Other information : Author: BCS.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.