

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : Seam Adhesive  
Product form : Mixture

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

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer:

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

Flam. Liq. 2 H225  
Skin Irrit. 2 H315  
Eye Irrit. 2 H319  
Skin Sens. 1 H317  
STOT SE 3 H335

#### 2.2. Label elements

##### GHS-CAN labeling

Hazard pictograms (GHS-CAN) :



Signal word (GHS-CAN) :

**Danger**

Hazard statements (GHS-CAN) :

H225 - Highly flammable liquid and vapor  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation  
H335 - May cause respiratory irritation

Precautionary statements (GHS-CAN) :

P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking  
P233 - Keep container tightly closed  
P240 - Ground/Bond container and receiving equipment  
P241 - Use explosion-proof electrical, lighting, ventilating equipment  
P242 - Use only non-sparking tools  
P243 - Take precautionary measures against static discharge  
P261 - Avoid breathing mist, spray, vapors  
P264 - Wash hands, forearms and face, clothing thoroughly after handling  
P271 - Use only outdoors or in a well-ventilated area  
P272 - Contaminated work clothing must not be allowed out of the workplace  
P280 - Wear eye protection, face protection, protective clothing, protective gloves  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P312 - Call a doctor, a POISON CENTER if you feel unwell  
P321 - Specific treatment (see first aid instructions on this label)  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention  
P337+P313 - If eye irritation persists: Get medical advice/attention

# Hard Surface Seam Adhesive

## Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

P362+P364 - Take off contaminated clothing and wash it before reuse  
P370+P378 - In case of fire: Use carbon dioxide (CO<sub>2</sub>), foam, Water fog to extinguish  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed  
P403+P235 - Store in a well-ventilated place. Keep cool  
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. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%
Methyl methacrylate	(CAS No) 80-62-6	85
Bisphenol A-epichlorohydrin polymer	(CAS No) 25068-38-6	60
Dibenzoyl peroxide	(CAS No) 94-36-0	15
Silica, amorphous, fumed, crystalline-free	(CAS No) 112945-52-5	5
Methyl isobutyl ketone	(CAS No) 108-10-1	1

## 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 affected. If breathing is difficult, supply oxygen.

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. Continue rinsing if pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.

First-aid measures after ingestion : IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. Get medical attention if you feel unwell.

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

Symptoms/effects : May cause respiratory irritation. Causes serious eye irritation. May cause an allergic skin reaction. Causes skin irritation.

Symptoms/effects after inhalation : May cause respiratory irritation.

Symptoms/effects after skin contact : May cause an allergic skin reaction. Causes skin irritation.

Symptoms/effects after eye contact : Causes serious eye irritation.

Symptoms/effects after ingestion : May cause gastrointestinal irritation.

### 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 : Foam. Dry powder. Carbon dioxide. Halons. Water fog.

Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapor.

Explosion hazard : Static discharge may serve as an ignition source for this product.

Reactivity : Stable.

### 5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment. Prevent human exposure to fire, fumes, smoke and products of combustion.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

# Hard Surface Seam Adhesive

## Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8). Avoid vapor formation. In case of spills, beware of slippery floors and surfaces. Eliminate all sources of ignition.

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

#### 6.2. Environmental precautions

Prevent entry to sewers and 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 : Remove all sources of ignition. Avoid breathing of vapors. Wear appropriate respirator and other protective clothing. Ventilate. Shut off source of leak only if safe to do so. Soak up with absorbent material, and place in non-leaking containers for proper disposal.

#### 6.4. Reference to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, sparks and open flames. Use adequate ventilation and avoid repeated or prolonged skin contact. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Ground/bond container and receiving equipment. Prohibit smoking in storage area.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep container tightly closed. Isolate from oxidizers, heat, sparks, electrical equipment and open flame. Closed containers may explode if exposed to extreme heat. Store in a cool dry place. Prohibit smoking in storage area. Do not store with acids or oxidizers. Electrical service in storage area must be rated for flammable liquids.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Provincial/Territorial OEL Values located within:

Alberta: Occupational Health and Safety Code, 2009

British Columbia: Occupational Health and Safety Regulation Guideline, 2016

Northwest Territories: Occupational Health and Safety Regulations, 2015

Nunuvut: Consolidation of Occupational Health and Safety Regulations, 2016

Ontario: Occupational Health and Safety Act, Regulation 833

Quebec: Regulation Respecting Occupational Health and Safety, S-2.1, r. 13

Saskatchewan: The Occupational Safety and Health Regulations, 1996

Yukon: Occupational Health and Safety Act RSY 2002, c.159; amended by SY 2005, c.4; SY 2009, c.21; SY 2010, c.12

New Brunswick: ACGIH values (1997 version)

Manitoba; Newfoundland and Labrador; Nova Scotia; Prince Edward Island; ACGIH (current version)

Methyl methacrylate (80-62-6)	
Alberta	50 ppm TWA; 205 mg/m <sup>3</sup> TWA 100 ppm STEL; 410 mg/m <sup>3</sup> STEL
British Columbia	50 ppm TWA; 100 ppm STEL; Dermal Sensitizer
Manitoba	50 ppm TWA; 100 ppm STEL; URT & eye Irr; body weight; DSEN; RSEN; A4
New Brunswick	100 ppm TWA; 410 mg/m <sup>3</sup> TWA; A4 - Not Classifiable as a Human Carcinogen
Newfoundland and Labrador	50 ppm TWA; 100 ppm STEL; URT & eye Irr; body weight; DSEN; RSEN; A4
Northwest Territories	50 ppm TWA (8 hour); 100 ppm STEL (15 Minute)

# Hard Surface Seam Adhesive

## Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Nova Scotia	50 ppm TWA; 100 ppm STEL; URT & eye Irr; body weight; DSEN; RSEN; A4
Nunavut	50 ppm TWA; 100 ppm STEL; Potential sensitizer
Ontario	50 ppm TWA; 100 ppm STEL
Prince Edward Island	50 ppm TWA; 100 ppm STEL; URT & eye Irr; body weight; DSEN; RSEN; A4
Quebec	50ppm; 205 mg/m <sup>3</sup> TWA
Saskatchewan	50 ppm TWA; 100 ppm STEL
Yukon	100 ppm TWA; 410 mg/m <sup>3</sup> TWA 125 ppm STEL; 510 mg/m <sup>3</sup> STEL

<b>Bisphenol A-epichlorohydrin polymer (25068-38-6)</b>	
Alberta	OELs not established
British Columbia	OELs not established
Manitoba	OELs not established
New Brunswick	OELs not established
Newfoundland and Labrador	OELs not established
Northwest Territories	OELs not established
Nova Scotia	OELs not established
Nunavut	OELs not established
Ontario	OELs not established
Prince Edward Island	OELs not established
Quebec	OELs not established
Saskatchewan	OELs not established
Yukon	OELs not established

<b>Dibenzoyl peroxide (94-36-0)</b>	
Alberta	5 mg/m <sup>3</sup> TWA
British Columbia	5 mg/m <sup>3</sup> TWA
Manitoba	5 mg/m <sup>3</sup> TWA
New Brunswick	5 mg/m <sup>3</sup> TWA
Newfoundland and Labrador	5 mg/m <sup>3</sup> TWA
Northwest Territories	5 mg/m <sup>3</sup> TWA; 10 mg/m <sup>3</sup> STEL
Nova Scotia	5 mg/m <sup>3</sup> TWA
Nunavut	5 mg/m <sup>3</sup> TWA; 10 mg/m <sup>3</sup> STEL
Ontario	5 mg/m <sup>3</sup> TWA
Prince Edward Island	5 mg/m <sup>3</sup> TWA
Quebec	5 mg/m <sup>3</sup> TWA
Saskatchewan	5 mg/m <sup>3</sup> TWA; 10 mg/m <sup>3</sup> STEL
Yukon	5 mg/m <sup>3</sup> TWA; 5 mg/m <sup>3</sup> STEL

<b>Silica, amorphous, fumed, crystalline-free (112945-52-5)</b>	
Alberta	OELs not established
British Columbia	OELs not established
Manitoba	OELs not established
New Brunswick	OELs not established
Newfoundland and Labrador	OELs not established
Northwest Territories	OELs not established
Nova Scotia	OELs not established
Nunavut	OELs not established
Ontario	OELs not established
Prince Edward Island	OELs not established
Quebec	OELs not established
Saskatchewan	OELs not established
Yukon	OELs not established

# Hard Surface Seam Adhesive

## Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Methyl isobutyl ketone (108-10-1)	
Alberta	50 ppm TWA; 205 mg/m <sup>3</sup> TWA 75 ppm STEL; 307 mg/m <sup>3</sup> STEL
British Columbia	75 ppm STEL; 20 ppm TWA
Manitoba	20 ppm TWA; 75 ppm STEL 100 ppm TWA; 410 mg/m <sup>3</sup> TWA
New Brunswick	75 ppm STEL; 307 mg/m <sup>3</sup> STEL 50 ppm TWA; 205 mg/m <sup>3</sup> TWA
Newfoundland and Labrador	20 ppm TWA; 75 ppm STEL 100 ppm TWA; 410 mg/m <sup>3</sup> TWA
Northwest Territories	50 ppm TWA; 75 ppm STEL
Nova Scotia	20 ppm TWA; 75 ppm STEL 100 ppm TWA; 410 mg/m <sup>3</sup> TWA
Nunavut	50 ppm TWA; 75 ppm STEL
Ontario	20 ppm TWA; 75 ppm STEL
Prince Edward Island	20 ppm TWA; 75 ppm STEL 100 ppm TWA; 410 mg/m <sup>3</sup> TWA
Quebec	50 ppm TWA; 205 mg/m <sup>3</sup> TWA 75 ppm STEL; 307 mg/m <sup>3</sup> STEL
Saskatchewan	50 ppm TWA; 75 ppm STEL
Yukon	125 ppm STEL; 510 mg/m <sup>3</sup> STEL 100 ppm STEL; 410 mg/m <sup>3</sup> STEL

### 8.2. Exposure controls

Appropriate engineering controls

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

Personal protective equipment

: Safety glasses. Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection.



Hand protection

: Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard regulation. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl.

Eye protection

: Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.

Skin and body protection

: Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

Respiratory protection

: Wear a NIOSH-approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment with gas filter (type A2). Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Off-white/Gray.
Odor	: Strong solvent odor.
Odor Threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 100.5 °C Estimated

# Hard Surface Seam Adhesive

## Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Flash point	: 11.5 °C Estimated
Auto-ignition temperature	: 421 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: 28 mm Hg (20°C)(Estimated)
Relative vapor density at 20 °C	: > 3
Relative density	: No data available
Specific gravity / density	: 5.8 lb/gal
Solubility	: Water: Slight
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

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable.

### 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

Avoid sunlight, heat, flames, high temperatures, sparks, static electricity and other sources of ignition.

### 10.5. Incompatible materials

Reducing agents. Metals. Oxidizing agents.

### 10.6. Hazardous decomposition products

Carbon oxides (CO, CO<sub>2</sub>). Various hydrocarbons. Nitrogen oxides. Hydrocarbons.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

<b>Methyl methacrylate (80-62-6)</b>	
LD50 oral rat	7872 mg/kg
LD50 dermal rabbit	> 5 g/kg
LC50 inhalation rat (ppm)	4632 ppm/4h
<b>Silica, amorphous, fumed, crystalline-free (112945-52-5)</b>	
LD50 oral rat	3160 mg/kg
ATE CLP (oral)	3160 mg/kg body weight
<b>Bisphenol A-epichlorohydrin polymer (25068-38-6)</b>	
LD50 oral rat	11400 mg/kg
<b>Methyl isobutyl ketone (108-10-1)</b>	
LD50 oral rat	2080 mg/kg
LD50 dermal rabbit	3000 mg/kg
ATE CLP (gases)	4500 ppmV/4h
ATE CLP (vapors)	11 mg/l/4h
ATE CLP (dust, mist)	1.5 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye irritation.

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

# Hard Surface Seam Adhesive

## Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

### Methyl isobutyl ketone (108-10-1)

IARC group	2B - Possibly carcinogenic to humans
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: May cause respiratory irritation.
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified
Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: May cause an allergic skin reaction. Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: May cause gastrointestinal irritation.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : No data available.

### 12.2. Persistence and degradability

#### Hard Surface Seam Adhesive

Persistence and degradability : The product is not biodegradable.

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

## SECTION 14: Transport information

In accordance with TDG

Transport document description : UN1133 Adhesives, 3, II  
UN-No.(TDG) : 1133  
DOT NA no. : UN1133  
Proper Shipping Name (TDG) : Adhesives  
Class (TDG) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120  
Hazard labels (TDG) : 3 - Flammable liquid



Packing group (TDG) : II - Medium Danger  
TDG Quantity Limitations Passenger aircraft/rail : 5 L  
TDG Quantity Limitations Cargo aircraft only : 60 L  
TDG Vessel Stowage Location : B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.

# Hard Surface Seam Adhesive

## Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

### Additional information

Emergency Response Guide (ERG) Number : 128

Other information : Limited quantity exemption of 5 liters or 30 Kg, depending on packaging quality as ORM-D

### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. Canadian Federal regulations

#### Hard Surface Seam Adhesive

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

### 15.2. International regulations

No additional information available.

## SECTION 16: Other information

Indication of changes : New SDS Created.

Other information : Author: MO.

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