

# Paslode Timbershot Framing Fuel Cell

## Safety Data Sheet

According to the Hazardous Products Regulations (HPR) WHMIS 2022  
Issue date: 12-16-2025 Revision date: 12-16-2025 Version: 1.0

### SECTION 1 Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Product name : Paslode Timbershot Framing Fuel Cell  
Product code : Not available  
Vaporizer : Aerosol

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Used for internal combustion fastener driving tools.

#### 1.4. Supplier's details

##### Supplier

ITW Construction Products Canada  
120 Travail Road  
Markham, ON, L3S 3J1  
800-222-6990

#### 1.5. Emergency phone number

Emergency number : ChemTel Inc. : +1 (800)255-3924, +1 (813)248-0585

### SECTION 2 Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

Aerosol, Category 1 H222;H229 Extremely flammable aerosol. Pressurized container; may burst if heated.

#### 2.2. GHS label elements, including precautionary statements

##### GHS CA labelling

Hazard pictograms (GHS-CA) :



Signal word (GHS CA) : Danger

Hazard statements (GHS-CA) : H222 - Extremely flammable aerosol  
H229 - Pressurized container; may burst if heated

Precautionary statements (GHS-CA) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 - Do not spray on an open flame or other ignition source.  
P251 - Do not pierce or burn, even after use.  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

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### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity

Not applicable

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	Conc. (% w/w)Weight
Butene	Butylene / Butene (all isomers) / Butenes / Butylenes mixture / n-Butylene / Butene - all isomers / Butylenes / Butene, mixed 1- and 2- isomers / BUTENE	CAS-No.: 25167-67-3	60 – 80
Propene	Propylene / 1-Propene / n-Propene / 1-Propylene / Prop-1-ene / R-1270	CAS-No.: 115-07-1	10 – 30

\*Chemical name, CAS number and/or exact concentration have been withheld as CBI

## SECTION 4 First-aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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

Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: May cause skin irritation. Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after eye contact	: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
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### SECTION 5 Fire-fighting measures

#### 5.1. Suitable extinguishing media

Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>), Dry chemical powder, Water spray.

Unsuitable extinguishing media : Do not use water jet.

#### 5.2. Specific hazards arising from the chemical

Fire hazard : Extremely flammable aerosol. Products of combustion may include, and are not limited to: oxides of carbon. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours.

Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

#### 5.3. Special protective actions for fire-fighters

Firefighting instructions : DO NOT fight fire when fire reaches explosives. Evacuate area. Move containers away from the fire area if this can be done without risk. Cool closed containers exposed to fire with water spray.

Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

### SECTION 6 Accidental release measures

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

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate every possible source of ignition. Use only non-sparking tools. Use special care to avoid static electric charges.

Environmental precautions : Prevent entry to sewers and public waters.

#### 6.2. Methods and materials for containment and cleaning up

For containment : Eliminate every possible source of ignition. Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment. Stop leak if safe to do so.

Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

For further information refer to section 8: "Exposure controls/personal protection"

### SECTION 7 Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.

Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

Additional hazards when processed : Hazardous waste due to potential risk of explosion.

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

Technical measures : Proper grounding procedures to avoid static electricity should be followed.

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep in fireproof place. Store away from direct sunlight or other heat sources.

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### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

Propene (115-07-1)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH® TLV® TWA	500 ppm
ACGIH® chemical category	Not Classifiable as a Human Carcinogen

  

Butene (25167-67-3)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH® TLV® TWA	250 ppm (Butenes, all isomers)

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

#### 8.3. Individual protection measures, such as personal protective equipment (PPE)

<b>Hand protection:</b>
Wear suitable gloves. PVC gloves Consult glove manufacturer's product information on material suitability and material thickness.
<b>Eye protection:</b>
Safety glasses or goggles are recommended when using product.
<b>Skin and body protection:</b>
Wear suitable protective clothing
<b>Respiratory protection:</b>
In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. SDSs cannot provide detailed and complete respiratory protection guidelines. Selection of respiratory protection must be done by a qualified person who has assessed the work environment.

#### Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

### SECTION 9 Physical and chemical properties

#### 9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Gas cylinder.
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available

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Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: 455 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: Extremely flammable aerosol.
Vapour pressure	: < 110 kPa (50 °C)
Relative vapour density at 20°C	: No data available
Relative density	: < 1 (Water = 1)
Solubility	: No data available
Partition coefficient n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Explosive limits	: No data available
Particle characteristics	: No data available

<b>Propene (115-07-1)</b>	
Boiling point	-48 °C (at 760 mmHg)
Flash point	< -56 °C (closed cup)
Auto-ignition temperature	455 °C
Vapour pressure	10201 hPa (at 20 °C)
Particle characteristics	No data available

<b>Butene (25167-67-3)</b>	
Boiling point	-6.26 – 3.71 °C
Flash point	< -56 °C (closed cup)
Auto-ignition temperature	400 °C (at 1013 hPa)
Vapour pressure	2700 hPa (at 20 °C)
Particle characteristics	No data available

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

Volatility	: 100 %
Gas group	: Press. Gas (Liq.)

## SECTION 10 Stability and reactivity

Reactivity	: No dangerous reactions known under normal conditions of use.
Chemical stability	: Stable under normal conditions. Extremely flammable aerosol. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn. Extreme risk of explosion by shock, friction, fire or other sources of ignition.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Heat. Sparks. Open flame. Direct sunlight. Overheating. Incompatible materials.
Incompatible materials	: Strong oxidizers.
Hazardous decomposition products	: May include, and are not limited to: oxides of carbon.
Hardening time:	: No additional information available

## SECTION 11 Toxicological information

### 11.1. Likely routes of exposure

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.

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Acute toxicity (inhalation) : Not classified.

Propene (115-07-1)	
LC50 inhalation rat	> 65000 ppm/4h

Butene (25167-67-3)	
LC50 inhalation rat	> 23 mg/l/4h

Skin corrosion/irritation : Not classified.  
Serious eye damage/irritation : Not classified.  
Respiratory or skin sensitization : Not classified.  
Germ cell mutagenicity : Not classified.  
Carcinogenicity : Not classified.

Propene (115-07-1)	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified.  
STOT-single exposure : Not classified.  
STOT-repeated exposure : Not classified.  
Aspiration hazard : Not classified.

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Vaporizer	Aerosol

Symptoms/effects after inhalation : May cause irritation to the respiratory tract.  
Symptoms/effects after skin contact : May cause skin irritation. Repeated exposure may cause skin dryness or cracking.  
Symptoms/effects after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.  
Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

## SECTION 12 Ecological information

### 12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.  
Hazardous to the aquatic environment, short-term (acute) : Not classified.  
Hazardous to the aquatic environment, long-term (chronic) : Not classified.

Butene (25167-67-3)	
LC50 - Fish [1]	32471 mg/l Test organisms (species): other:
LC50 - Fish [2]	19 mg/l Test organisms (species): other:
EC50 96h - Algae [1]	14882 mg/l Test organisms (species): other:
EC50 96h - Algae [2]	6.9 mg/l Test organisms (species): other:
NOEC chronic fish	2286 mg/l Test organisms (species): other: Duration: '30 d'
NOEC (chronic)	1349 mg/l Test organisms (species): Daphnia sp. Duration: '21 d'

### 12.2. Persistence and degradability

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Persistence and degradability	Not established.

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Propene (115-07-1)	
Persistence and degradability	Rapidly degradable

Butene (25167-67-3)	
Persistence and degradability	Rapidly degradable

### 12.3. Bioaccumulative potential

Paslode Timbershot Framing Fuel Cell	
Bioaccumulative potential	Not established.

Propene (115-07-1)	
Partition coefficient n-octanol/water	1.77 (at 20 °C (at pH 7))

Butene (25167-67-3)	
Partition coefficient n-octanol/water	2.31 – 2.4

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone	: Not classified.
Other information	: No other effects known.
Fluorinated greenhouse gases	: No

## SECTION 13 Disposal considerations

Product/Packaging disposal recommendations	: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Container under pressure. Do not drill or burn even after use.
Additional information	: Flammable vapours may accumulate in the container.

## SECTION 14 Transport information

In accordance with TDG

### 14.1. UN Number

UN-No. (TDG) : UN1950

### 14.2. UN Proper Shipping Name

Proper Shipping Name (TDG) : AEROSOLS

### 14.3. Transport hazard class(es)

TDG  
Transport hazard class(es) (TDG) : 2.1  
Hazard labels (TDG) : 2.1  
:



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### 14.4. Packing group, if applicable

Packing group (TDG) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : No  
Other information : No supplementary information available.

### 14.6. Special precautions for user

Special transport precautions : Do not handle until all safety precautions have been read and understood.

#### TDG

UN-No. (TDG) : UN1950  
TDG Special Provisions : 80 - Despite section 1.17 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases), a person must not offer for transport or transport these dangerous goods unless they are in a means of containment that is in compliance with the requirements for transporting gases in Part 5 (Means of Containment), 107 - (1) These Regulations, except for Parts 1 and 2, do not apply to the offering for transport, handling or transport of UN1950, AEROSOLS, and UN2037, GAS CARTRIDGES, that contain dangerous goods included in Class 2.1 or Class 2.2 and that are transported on a road vehicle, a railway vehicle or a vessel on a domestic voyage, if the aerosols or gas cartridges have a capacity less than or equal to 50 mL.  
(2) Subsection (1) does not apply to self-defence spray.  
Explosive Limit and Limited Quantity Index : 1 L  
Excepted quantities (TDG) : E0  
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index : 75 L  
Emergency Response Guide (ERG) Number : 126

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78<sup>9</sup> and the IBC Code<sup>10</sup>

Not applicable

## SECTION 15 Regulatory information

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

## SECTION 16 Other Information

Issue date : 12-16-2025  
Revision date : 12-16-2025  
Other information : None.  
Prepared by : Nexreg Compliance Inc.  
[www.Nexreg.com](http://www.Nexreg.com)



### Full text of hazard classes and H-statements:

H222	Extremely flammable aerosol
H229	Pressurized container; may burst if heated

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