



## SAFETY DATA SHEET

### Permabond LM012

#### 1. Identification

##### Product identifier

**Product name** Permabond LM012

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

**Application** Adhesive. Sealant.

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

**Supplier** Permabond LLC  
 14 Robinson Street  
 Pottstown, PA 19464  
 USA  
 Telephone: 732-868-1372 or 800-640-7599  
 Website: www.permabond.com

##### Emergency telephone number

**Emergency telephone** Medical: Poison Control Center 866-827-6282 (toll free) or 303-389-1109 Transport: CHEMTREC 800-424-9300

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

**OSHA Regulatory Status** This Product is Not Hazardous under the OSHA Hazard Communication Standard.

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

##### Label elements

**Hazard statements** NC Not Classified

**Precautionary statements** Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

##### Other hazards

None under normal conditions.

#### 3. Composition/information on ingredients

#### 4. First-aid measures

##### Description of first aid measures

**Inhalation** Move the exposed person to fresh air. Get medical attention if any discomfort continues.

**Ingestion** Never give anything by mouth to an unconscious person. Get medical attention.

**Skin Contact** Wash skin thoroughly with soap and water. Remove contaminated clothing. If symptoms develop, obtain medical attention

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**Eye contact** Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

**Skin contact** Prolonged contact may cause redness, irritation and dry skin.

**Eye contact** May cause temporary eye irritation.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Extinguish with foam, carbon dioxide, dry powder or water fog.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

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

**Hazardous combustion products** Thermal decomposition could produce carbon monoxide, carbon dioxide, and unidentified organic compounds. Burning produces irritating, toxic and obnoxious fumes.

#### Advice for firefighters

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### 6. Accidental release measures

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

**Personal precautions** Use personal protection recommended in section 8 of this SDS

#### Environmental precautions

**Environmental precautions** Avoid the spillage or runoff entering drains, sewers or watercourses.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Absorb spillage with sand or other inert absorbent. Transfer to suitable, labelled containers for disposal.

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see section 13.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product.

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

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

#### Specific end uses(s)

**Specific end use(s)** Adhesive. Sealant.

### 8. Exposure controls/Personal protection

#### Exposure controls

**Appropriate engineering controls** Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

**Eye/face protection** Tight-fitting safety glasses.

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<b>Hand protection</b>	For prolonged or repeated skin contact use suitable protective gloves. Nitrile rubber or Viton™ gloves are recommended. Cotton or other absorbent gloves should not be worn.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent repeated or prolonged skin contact.
<b>Hygiene measures</b>	Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
<b>Respiratory protection</b>	Not normally required.

### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Color</b>	Brown.
<b>Odor</b>	Acrylic
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not determined.
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	>149°C (300°F)
<b>Flash point</b>	>93°C (199.94°F)
<b>Evaporation rate</b>	Not available.
<b>Evaporation factor</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	1.07 @ °C
<b>Solubility(ies)</b>	Not available.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	~2100 mPa.s @ °C
<b>Volatile organic compound</b>	<2 %, 20 grams/liter (Estimated)

### 10. Stability and reactivity

<b>Reactivity</b>	The following materials may react with the product: Strong oxidizing agents.
<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
<b>Possibility of hazardous reactions</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.

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<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition.
<b>Materials to avoid</b>	Strong acids. Strong alkalis. Strong oxidizing agents. Strong reducing agents. Metals and their salts. Free radical initiators.
<b>Hazardous decomposition products</b>	Thermal decomposition could produce carbon monoxide, carbon dioxide, and unidentified organic compounds.

### 11. Toxicological information

#### Information on toxicological effects

**Toxicological effects**            The toxicological properties of this product have not been fully evaluated. Avoid direct contact with skin or eyes. Do not ingest or inhale.

#### Skin corrosion/irritation

**Skin corrosion/irritation**        Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

**Serious eye damage/irritation**    Based on available data the classification criteria are not met.

#### Respiratory sensitization

**Respiratory sensitization**        Based on available data the classification criteria are not met.

#### Skin sensitization

**Skin sensitization**                Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

**Genotoxicity - in vitro**            Based on available data the classification criteria are not met.

**Genotoxicity - in vivo**            Based on available data the classification criteria are not met.

#### Carcinogenicity

**Carcinogenicity**                    No component of this product present at levels great than or equal to 0.1% is identified as a known carcinogen.

#### Reproductive toxicity

**Reproductive toxicity - fertility**    Based on available data the classification criteria are not met.

**Reproductive toxicity - development**    Does not contain any substances known to be toxic to reproduction.

#### Specific target organ toxicity - single exposure

**STOT - single exposure**            Based on available data the classification criteria are not met.

#### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure**        Based on available data the classification criteria are not met.

#### Aspiration hazard

**Aspiration hazard**                Based on available data the classification criteria are not met.

#### **Inhalation**

Unlikely to be hazardous by inhalation because of the low vapor pressure of the product at ambient temperature.

#### **Ingestion**

No harmful effects expected from quantities likely to be ingested by accident.

#### **Skin Contact**

Prolonged and frequent contact may cause redness and irritation.

#### **Eye contact**

May cause temporary eye irritation.

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### 12. Ecological information

**Toxicity** No data available.

**Bioaccumulative potential**

**Partition coefficient** Not available.

### 13. Disposal considerations

**Waste treatment methods**

**General information** Dispose of according to Federal, State/Provincial and local regulations. Refer to section 8 before handling.

### 14. Transport information

**General** Not regulated.

**UN Number**

**UN No. (International)** Not applicable.

**UN proper shipping name**

**Proper shipping name (International)** Not applicable.

**Transport hazard class(es)**

**Transport Labels (International)** Not applicable.

**Packing group**

**Packing group (International)** Not applicable.

**Environmental hazards**

**Environmentally Hazardous Substance**  
No.

### 15. Regulatory information

**US Federal Regulations**

**SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities**

None above reporting levels

**CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**

None above reporting limits

**SARA Extremely Hazardous Substances EPCRA Reportable Quantities**

None above reporting limits

**SARA 313 Emission Reporting**

None above reporting limits

**SARA (311/312) Hazard Categories**

None

**US State Regulations**

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### California Proposition 65 Carcinogens and Reproductive Toxins

Cancer - [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

The following ingredients are listed:

*CUMENE*

### Inventories

#### Canada - DSL/NDSL

All the ingredients are listed or exempt.

#### US - TSCA

All the ingredients are listed or exempt.

### 16. Other information

Revision date	8/11/2021
Revision	5
Supersedes date	1/31/2018

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.