SECTION 1 - IDENTIFICATION

Product identifier | PU-MEMBRANE B
Other means of identification | None
Recommended use and restrictions on use | Construction product / Refer to technical information
Initial supplier identifier | PUREPOXY
301, rue Omer-DeSerres #105, Blainville, Quebec, CANADA  J7C 0K2
Phone – 438-492-4450
Emergency telephone number/restriction on use | Canada – CANUTEC 24 hour number 613-996-6666

SECTION 2 - HAZARD IDENTIFICATION

Classification of hazardous product (name of the category or subcategory of the hazard class)
- Acute Toxicity, Inhalation-mist (Category 4)
- Skin Sensitization (Category 1B)
- Skin Corrosion/irritation (Category 2)
- Serious eye damage/irritation (Category 2B)
- Respiratory sensitization (Category 1)
- Carcinogenicity (Category 2)
- Specific target organ toxicity-single exposure (Category 3- respiratory tract irritation)
- Specific target organ toxicity-repeated exposure (Category 2- by inhalation)

Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)
- DANGER
- H320 Causes eye irritation.
- H315 Causes skin irritation.
- H332 Harmful if inhaled.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H317 May cause an allergic skin reaction.
- H335 May cause respiratory irritation.
- H351 Suspected of causing cancer.
- H373 May cause damage to organs (olfactory) through prolonged or repeated exposure (inhalation).

P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood.
P280 Wear protective gloves. P271 Use only outdoors or in a well-ventilated area. P260 Do not breathe dust/gas/mist/vapours.
P261 Avoid breathing mist. P284 In case of inadequate ventilation wear respiratory protection. P272 Contaminated work clothing should not be allowed out of the workplace. P264 Wash with plenty of water and soap thoroughly after handling. P312 Call a POISON CENTER/doctor if you feel unwell. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P308 + P311 IF exposed or concerned: Call a POISON CENTER or doctor/physician. P314 Get medical advice/attention if you feel unwell. P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water. P333 + P311 If skin irritation or rash occurs: Call a POISON CENTER or doctor/physician. P332 + P313 If skin irritation occurs: Get medical advice/attention. P362 + P364 Take off contaminated clothing and wash before reuse. P337 + P311 If eye irritation occurs: Call a POISON CENTER or doctor/physician. P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Other Hazards Known | None
SECTION 4 - FIRST AID MEASURES

Inhalation
IF INHALED: Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

Ingestion
IF SWALLOWED: Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

Skin contact
IF ON SKIN (or hair): Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

Eye contact
IF IN EYES: In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Immediate medical attention required.

Most important symptoms and effects (acute and delayed)
Prolonged or repeated contact may cause skin irritation with local redness. May cause eye irritation. Corneal injury is unlikely.

Indication of immediate medical attention/special treatment
In all cases, call a doctor. Do not forget this document.

SECTION 5 - FIREFIGHTING MEASURES

Specific hazards of the hazardous product (hazardous combustion products)
In case of fire: water spray, dry powder, carbon dioxide, foam

Suitable and unsuitable extinguishing media
In case of fire: water spray, dry powder, carbon dioxide, foam.

Special protective equipment and precautions for fire-fighters
Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire-fighting clothing. Avoid contact with this material during fire-fighting operations. If contact is likely, change to full chemical resistant fire-fighting clothing with self-contained breathing apparatus.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Absorb spillage to prevent material-damage. Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8).

Methods and materials for containment and cleaning up
Ventilate area of release. Stop the leak if it can be done safely. Contain and absorb any spilled liquid concentrate with inert absorbent material, then place material into a container for later disposal (see Section 13). Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required.
**SECTION 7 - HANDLING AND STORAGE**

**Precautions for safe handling**

Wear protective gloves/protective clothing/eye protection/face protection.

Before handling, it is very important that engineering controls are operating, and that protective equipment requirements and personal hygiene measures are being followed. People working with this chemical should be properly trained regarding its hazards and its safe use. Inspect containers for leaks before handling. Label containers appropriately. Ensure proper ventilation. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. Avoid generating high concentrations of dusts, vapours or mists. Keep away from incompatible materials (Section 10). Keep containers closed when not in use. Empty containers are always dangerous. Refer also to Section 8.

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

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Store away from incompatible materials (Section 10). Inspect all incoming containers to make sure they are properly labelled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Inspect periodically for damage or leaks.

**SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

<table>
<thead>
<tr>
<th>Control Parameters (biological limit values or exposure limit values and source of those values)</th>
<th>CAS 101-68-8</th>
<th>OSHA PEL</th>
<th>CLV 0.02ppm</th>
<th>0.2 mg/m³; ACGIH TLV</th>
<th>TWA value 0.005ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS 9016-87-9</td>
<td>OSHA PEL</td>
<td>CLV 0.02ppm</td>
<td>0.2 mg/m³; ACGIH TLV</td>
<td>TWA value 0.005ppm</td>
<td></td>
</tr>
<tr>
<td>CAS 26447-40-5</td>
<td>No exposure limits noted for the ingredient(s)</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS 17589-24-1</td>
<td>No exposure limits noted for the ingredient(s)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS 57636-09-6</td>
<td>OSHA PEL</td>
<td>CLV 0.02ppm</td>
<td>0.2 mg/m³; ACGIH TLV</td>
<td>TWA value 0.005ppm</td>
<td></td>
</tr>
</tbody>
</table>

**Appropriate engineering controls**

Use under well-ventilated conditions. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

**Individual protection measures/personal protective equipment**

Respiratory protection is required if the concentrations are higher than the exposure limits. Use a NIOSH approved respirators if the exposure limits are unknown. Chemically protective gloves (impervious), and other protective clothing to prevent prolonged or repeated skin contact, must be worn during all handling operations. Wear protective chemical splash goggles to prevent mists from entering the eyes. Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Appearance / color</th>
<th>Liquid, Dark amber</th>
<th>Vapour pressure</th>
<th>0.00016 mmHg (68°F/20°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odour</td>
<td>Characteristic</td>
<td>Vapour density</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not available</td>
<td>Relative density</td>
<td>1.22 g/ml</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
<td>Solubility</td>
<td>Reacts with water</td>
</tr>
<tr>
<td>Melting point / Freezing point</td>
<td>37.4°F (3°C)</td>
<td>Partition coefficient of n-octanol/water</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Initial boiling point/ranges</td>
<td>392°F (200°C)</td>
<td>Auto-ignition temperature</td>
<td>&gt; 482°F (250°C)</td>
</tr>
<tr>
<td>Flash point</td>
<td>428°F (220°C)</td>
<td>Decomposition temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
<td>Viscosity</td>
<td>350 cps</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not flammable</td>
<td>VOC</td>
<td>Not available</td>
</tr>
<tr>
<td>Upper/Lower flammability or explosive limits</td>
<td>Not available</td>
<td>Other</td>
<td>None know</td>
</tr>
</tbody>
</table>

PU-MEMBRANE B | FEBRUARY 25, 2020 | v 5.0
SECTION 10 - STABILITY AND REACTIVITY

Reactivity
This product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical Stability
Stable under the recommended storage and handling conditions prescribed.

Possibility of hazardous reactions

Conditions to avoid
None known

Incompatible materials
Oxidizing materials; Acids; etc.

Hazardous decomposition products
None known

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)
Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Symptoms related to the physical, chemical and toxicological characteristics
Assessment of acute toxicity: Inhalation of vapour may cause irritation of the mucous membranes of the nose, throat or trachea, breathlessness, chest discomfort, difficult breathing and reduced pulmonary function. Inhalation exposure well above the PEL may result additionally in eye irritation. Headache, chemical bronchitis, asthma-like findings or pulmonary edema. Isocyanates have also been reported to cause hypersensitivity pneumonitis, which is characterized by flu-like symptoms, the onset of which may be delayed. Irritating to eyes, respiratory system and skin. Skin contact may result in dermatitis, either irritative or allergic.

Assessment of chronic toxicity: The substance may cause damage to the olfactory epithelium after repeated inhalation. The substance may cause damage to the lung after repeated inhalation. These effects are not relevant to humans at occupational levels of exposure.

Delayed and immediate effects (chronic effects from short-term and long-term exposure)
Skin Sensitization – Possible; Respiratory Sensitization – Possible; Germ Cell Mutagenicity – No data available; Carcinogenicity – No data available; Reproductive Toxicity – No data available; Specific Target Organ Toxicity — Single Exposure – Causes temporary irritation of the respiratory tract; Specific Target Organ Toxicity - Repeated Exposure – The substance may cause damage to the olfactory epithelium after repeated inhalation; Aspiration Hazard – No data available; Health Hazards Not Otherwise Classified – No data available.

Numerical measures of toxicity (ATE; LD$_{50}$ & LC$_{50}$)

<table>
<thead>
<tr>
<th>CAS</th>
<th>LD$_{50}$ Oral- Rat</th>
<th>LC$_{50}$ Inhalation</th>
<th>LD$_{50}$ Dermal- Rabbit</th>
<th>No data available</th>
<th>CAS</th>
<th>No data available</th>
<th>CAS</th>
<th>No data available</th>
</tr>
</thead>
<tbody>
<tr>
<td>101-68-8</td>
<td>&gt;2000 mg/kg</td>
<td>&gt;2.0 mg/l</td>
<td>&gt;9400 mg/kg</td>
<td></td>
<td>9016-87-9</td>
<td>No data available</td>
<td>26447-40-5</td>
<td>No data available</td>
</tr>
<tr>
<td>17589-24-1</td>
<td>No data available</td>
<td></td>
<td></td>
<td></td>
<td>57636-09-6</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial information)
No data available

Persistence and degradability
Poorly biodegradable. The product is unstable in water. In contact with water the substance will hydrolyse slowly.

Bioaccumulative potential
No data available.

Mobility in soil
No data available.

Other adverse effects
No data available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Information on safe handling for disposal/methods of disposal/contaminated packaging
Dispose of contents/container into safe container in accordance with local, regional or national regulations.
SECTION 14 - TRANSPORT INFORMATION

| UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations | NOT REGULATED |
| UN Number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime) | NOT REGULATED |
| UN Number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air) | NOT REGULATED |

Special Precautions (transport/conveyance): None
Environmental hazards (IMDG or other): None
Bulk transport (usually more than 450L in capacity): Possible

SECTION 15 - REGULATORY INFORMATION

| Safety/health Canadian regulations specifics | Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR). |
| Environmental Canadian regulations specifics | Refer to Section 3 for ingredient(s) of the DSL |
| Safety/health/environmental outside regulations specifics | United States OSHA information: This product is regulated according to OSHA (29 CFR), United States EPA (Environmental Protection Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14. United States TCSA information: Refer to the ingredients listed in Section 3. |
| Bioaccumulative potential | |
| National Fire Protection Association (NFPA) | HEALTH: 1  FLAMMABILITY: 0  INSTABILITY: 1  SPECIAL HAZARDS: Refer to Section 2 & 3.  HAZARD SCALE: 0 = Minimal  1 = Slight  2 = Moderate  3 = Serious  4 = Severe |

SECTION 16 - OTHER INFORMATION

| Date of the latest revision of the safety data sheet | February 25, 2020 version 5 |
| Corrections | SDS Template modifications |
| References | Safety Data Sheets from manufacturer/supplier |
| Abbreviations | ACGIH American Conference of Governmental Industrial Hygienists  ATE Acute toxicity estimate  CAS Chemical Abstract Service  DSL Domestic Substance List  IARC International Agency for Research on Cancer  IATA International Air Transport Association  IMDG International Maritime Dangerous Goods Code  LC Lethal concentration  LD Lethal Dosage  NIOSH National Institute for Occupational Safety and Health  NTP National Toxicology Program (U.S.A.)  OSHA Occupational Safety and Health Administration (U.S.A.)  PEL Permissible Exposure Limit  STEL Short-term Exposure Limit  TDG Transport of dangerous goods in Canada  TLV Threshold Limit Value  TSCA Toxic Substances Control Act  TWA Time Weighted Average  WHMIS Workplace Hazardous Materials Information System |

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the 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.