# SAFETY DATA SHEET

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product:** PENCURE™ OTC  
**Manufacturer:** W. R. MEADOWS OF CANADA  
**Address:** 70 Hannant Court  
Milton, Ontario Canada L9T 5C1  
**Telephone:** (905) 878-4122  
**Revision Date:** 9/21/2020  
**Product Use:** Acrylic Curing Compound

## SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>% by Weight</th>
<th>SARA</th>
<th>Vapor Pressure (mm Hg@20°C)</th>
<th>LEL (mm Hg@25°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Acetone</td>
<td>67-64-1</td>
<td>5-10</td>
<td>313</td>
<td>24 kPa</td>
<td>2.6</td>
</tr>
<tr>
<td>2. Proprietary Solvent Blend</td>
<td>N/E</td>
<td>40-50</td>
<td>No</td>
<td>N/E</td>
<td>N/E</td>
</tr>
<tr>
<td>3. Organic Silane</td>
<td>35435-21-3</td>
<td>15-20</td>
<td>No</td>
<td>23 hPa</td>
<td>0.4</td>
</tr>
</tbody>
</table>

**HMIS:** | Health | Flammability | Reactivity | Personal Protection |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>3</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

**HAZARD STATEMENTS**

- **DANGER!**

**PRECAUTIONARY STATEMENTS**

- Keep containers closed when not in use/avoid ignition sources.
- Avoid breathing vapors and direct contact.
- Store in well-ventilated location.
- Wear appropriate Personal Protective Equipment.
- Use only outdoors or in well-ventilated areas.

## SECTION 3: FIRE AND EXPLOSIVES HAZARDS

**Flashpoint:** -20 °C (For Acetone)  
**Extinguishing Media:** Water fog, foam, dry chemical, or carbon dioxide.  
**Chemical/Combustion Hazards:** Carbon monoxide, carbon dioxide, and incomplete combustion products.

## SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

- **Eye Contact:** If irritation or redness develops, move victim from exposure source and into fresh air. Flush eyes with water for fifteen (15) minutes. If symptoms persist, seek medical attention.
- **Skin Contact:** Wash affected areas with mild soap and water; remove contaminated shoes/clothing. If symptoms persist, seek medical attention.
- **Inhalation:** If respiratory symptoms develop, move victim from exposure source and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel.
- **Ingestion:** Dilute with liquid unless the victim is unconscious or very drowsy. Do not induce vomiting. If vomiting spontaneously occurs, prevent lung aspiration. Seek immediate medical attention.

**Most Important Symptoms/Effects, Acute and Chronic:** See Section Eleven for Symptoms/Effects.

## SECTION 5: HAZARDS COMPONENTS

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313."
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PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT: Avoid smoke inhalation. Personal protective equipment should include helmet, face shield, bunker coat, gloves, rubber boots, and a positive-pressure NIOSH-approved self-contained breathing apparatus. As a result of hydrolysis, flammable vapors may accumulate in container headspace. Consider possible formation of explosive mixtures with air. For example, in uncleaned containers contaminated with moisture. Explosion limits for hydrolysis product 3.5-15% v/v (ethanol).

SECTION 6: ACCIDENTAL RELEASE MEASURES
SPILL OR LEAK PROCEDURES: Avoid direct contact. Dike and contain spilled material. Remove source of spill if safe to do so. Evacuate all non-essential personnel from immediate area. Remove/extinguish ignition sources. A vapor-suppressing foam may be used to reduce vapor generation. Absorb with non-combustible absorbent and place in sealed containers for disposal. Control run-off and prevent from entering waterways, sewers, etc... Use non-sparking tools to collect spilled material as well as contaminated absorbent.

SECTION 7: HANDLING AND STORAGE
SAFE HANDLING PROCEDURES: Avoid direct contact. Use adequate grounding when decanting.
SAFE STORAGE: Keep containers closed when not in use. Keep away from ignition sources.

SECTION 8: EXPOSURE CONTROLS/PERSOHAL PROTECTION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA</th>
<th>ACGIH</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Acetone</td>
<td>PEL 1000 ppm</td>
<td>TWA 500 ppm</td>
</tr>
<tr>
<td>2. Proprietary Solvent Blend</td>
<td>N/E</td>
<td>N/E</td>
</tr>
<tr>
<td>3. Organic Silane</td>
<td>N/E</td>
<td>N/E</td>
</tr>
</tbody>
</table>

ENGINEERING CONTROLS: Use with adequate ventilation. Use explosion-proof equipment.
PERSONAL PROTECTIVE EQUIPMENT: Safety glasses, chemical-resistant gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>N/E</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>&lt;1 (Ether=1)</td>
</tr>
<tr>
<td>pH Level</td>
<td>N/A</td>
</tr>
<tr>
<td>Weight per Gallon</td>
<td>7.83</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild Organic</td>
</tr>
<tr>
<td>Flash Point</td>
<td>See Section 5</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>N/D</td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>N/D</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>N/D</td>
</tr>
<tr>
<td>Viscosity</td>
<td>N/D</td>
</tr>
<tr>
<td>% Volatile by Volume</td>
<td>N/E</td>
</tr>
<tr>
<td>% Volatile by Weight</td>
<td>77(Approximate)</td>
</tr>
<tr>
<td>VOC Content</td>
<td>331 g/L</td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>N/D</td>
</tr>
<tr>
<td>UEL/LEL</td>
<td>N/D</td>
</tr>
<tr>
<td>Solubility</td>
<td>N/D</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>N/D</td>
</tr>
</tbody>
</table>

SECTION 10: STABILITY/REACTIVITY

STABILITY: Stable.
HAZARDOUS POLYMORPHIZATION: Will not occur.
CONDITIONS AND MATERIALS TO AVOID: Static discharge, heat, sparks, open flame, strong oxidizing agents, moisture, acids and bases.
HAZARDOUS DECOMPOSITION PRODUCTS: Ethanol, carbon monoxide/dioxide, incomplete combustion products.

SECTION 11: TOXICOLOGICAL INFORMATION

EYE CONTACT: Direct contact may cause mild to moderate irritation. Product vapors may also cause irritation.
SKIN CONTACT: Direct contact may cause mild skin irritation. Prolonged/repeated contact may result in irritation/dermatitis.
INHALATION: Exposure may produce irritation to the nose, throat, respiratory tract, and other mucous membranes. Exposure to excessive vapor concentrations may cause signs of transient central nervous system depression (headache, drowsiness, loss of coordination, and fatigue). Repeated/prolonged occupational overexposures may result in permanent damage and can be potentially fatal.
INGESTION: This product is anticipated to be slightly toxic. If ingested and lung aspiration occurs, serious lung damage may result. Ingestion of excessive quantities may result in symptoms of central nervous system depression.
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- Notes

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.