SAFETY DATA SHEET

POR-A-MOLD PART A (Prepol)
MOLD-QUIK

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: POR-A-MOLD / MOLD-QUIK PART A (Prepol)

MANUFACTURER
EnvironMolds LLC.
18 Bank Street / Suite 1
Summit, NJ 07901

Service Number: 908-273-5401

24 HR. EMERGENCY TELEPHONE NUMBERS
CHEMTREC: 800-424-9300
Part Nos. SP2010 GR, SP94010GR, SP94002GR, SP94002QR, SP933010GR, SP3002GR, SP93002QR, SP92002GR, SP92002QSP24001GR, SP24001QR, SP23001GR, SP230001QR, SP22001GR, SP22001QR

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Dark liquid.

IMMEDIATE CONCERNS: Irritating to eyes, respiratory system, and skin. Harmful if swallowed. The onset of respiratory symptoms may be delayed for several hours after exposure.

POTENTIAL HEALTH EFFECTS

EYES: Moderate eye irritant.

SKIN: Moderate skin irritant.

INGESTION: Harmful if swallowed.

INHALATION: Inhalation of vapors or mists at concentrations above the TLV can cause respiratory tract irritation. Repeated or prolonged exposure at levels above the OEL can result in sensitization.

ROUTES OF ENTRY: Inhalation, skin contact, eye contact, ingestion.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CAS</th>
<th>EINECS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poly(oxy(methyl-2-ethane)), toluene diisocyanate polymer</td>
<td>25 - 30</td>
<td>9057-91-4</td>
<td></td>
</tr>
<tr>
<td>Oxirane, methyl-, polymer with oxirane, ether with 1,2-propanediol (2:1), polymer with 1,3 diisocyanatobenzene</td>
<td>25 - 30</td>
<td>65308-91-0</td>
<td></td>
</tr>
<tr>
<td>Light Paraffinic Petroleum Oil Solvent Extract</td>
<td>15 - 20</td>
<td>64742-05-8</td>
<td>265-104-2</td>
</tr>
<tr>
<td>2,2,4-Trimethyl-1,3-pentanediol disobutyrate</td>
<td>20 - 25</td>
<td>6846-50-0</td>
<td>229-934-9</td>
</tr>
<tr>
<td>Toluenediisocyanate (mixed isomers)</td>
<td>&lt; 1</td>
<td>26471-62-5</td>
<td>209-544-5</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Seek immediate medical attention.

SKIN: Remove contaminated clothing. Wash affected areas thoroughly with soap and water. Wash clothing thoroughly before reuse. For severe exposure, seek medical attention immediately. For lesser exposure, seek medical attention if swelling or redness occurs, or if irritation persists after being washed.
INGESTION: Aspiration hazard. If swallowed, vomiting may occur spontaneously, but do not induce. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

INHALATION: Remove individual to fresh air. If respiratory irritation or other symptoms develop, seek medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry Chemical, Carbon Dioxide, Chemical Foam, Water Fog or Spray.

HAZARDOUS COMBUSTION PRODUCTS: Carbon Monoxide, Carbon Dioxide, Nitrous Oxide, Hydrogen Cyanide and other undetermined compounds.

FIRE FIGHTING PROCEDURES: Isolate fuel supply from fire. Use water spray to cool fire-exposed surfaces and containers. Fire fighters should wear self-contained breathing apparatus in addition to emergency fire fighting protective clothing.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Clean up spills wearing proper personal protective equipment. (See Section 8) Absorb with dry chemical absorbent, earth, sand, or any other inert material. Place in a chemical waste container. Move to outside well-ventilated area. Treat with 10 parts decontamination solution to 1 part isocyanate. Mix well. Allow to stand uncovered 48 hours before disposal.

LARGE SPILL: Evacuate and ventilate the area. Create a dike or trench to contain materials. Prevent entry into waterways, sewers, basements or confined areas. Clean-up personnel should wear appropriate personal protection equipment. (See Section 8) Absorb with dry chemical absorbent, earth, sand, or any other inert material. Place in a chemical waste container. Move to outside well-ventilated area. Treat with 10 parts decontamination solution to 1 part isocyanate. Mix well. Allow to stand uncovered 48 hours before disposal. Clean spill area with decontamination solution and allow to stand for 15 minutes before removal.

GENERAL PROCEDURES: Decontamination solution: Concentrated ammonia (5%), detergent (2%), and water (93%)

7. HANDLING AND STORAGE

HANDLING: Wear appropriate personal protective equipment. Use in a well ventilated area. Keep containers securely sealed when not in use. Avoid physical damage to containers.

STORAGE: Minimize exposure to high heat. Protect from atmospheric moisture. Keep containers sealed in order to avoid contamination. Do not reseal if contaminated. After container has been opened, blanket with nitrogen before resealing. Store indoors in a cool, well-ventilated area.

STORAGE TEMPERATURE: (60°F) Minimum to (120°F) Maximum

8. EXPOSURE CONTROLS / PERSONAL PROTECTION
EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poly(oxy(methyl-2-ethane)), toluene diisocyanate polymer</td>
<td>TWA</td>
<td>NE</td>
</tr>
<tr>
<td>Oxirane, methyl-, polymer with oxirane, ether with 1,2-propanediol (2:1),</td>
<td>TWA</td>
<td>NE [1]</td>
</tr>
<tr>
<td>polymer with 1,3 diisocyanatomethylbenzene</td>
<td></td>
<td>NE</td>
</tr>
<tr>
<td>Light Paraffinic Petroleum Oil Solvent Extract</td>
<td>TWA</td>
<td>300</td>
</tr>
<tr>
<td>2,2,4-Trimethyl-1,3-pentanediol diisobutyrate</td>
<td>TWA</td>
<td>NE [1]</td>
</tr>
<tr>
<td>Toluenediisocyanate (mixed isomers)</td>
<td>TWA</td>
<td>0.005</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>0.02* [2]</td>
</tr>
</tbody>
</table>

Footnotes:
1. NE = Not Established
2. * = Ceiling

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields or goggles.

SKIN: Wear impervious gloves and covering for exposed skin.

RESPIRATORY: If the exposure limit is exceeded and engineering controls are not feasible, a half-face organic vapor respirator may be worn for up to 10 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full-face piece organic vapor respirator may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. All respirators used should follow the OSHA Respiratory Standard 29 CFR 1910.134.

WORK HYGIENIC PRACTICES: Follow good normal hygiene practices. Avoid contact with skin. Avoid eating, drinking, or smoking while using this product. Wash hands thoroughly after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Characteristic

APPEARANCE: Amber

FLASH POINT AND METHOD: > (200°F) Closed Cup

AUTOIGNITION TEMPERATURE: Not Determined

VAPOR DENSITY: Heavier than air

BOILING POINT: > (400°F)

FREEZING POINT: Not Established

SOLUBILITY IN WATER: Reactive with water

EVAPORATION RATE: < 1

SPECIFIC GRAVITY: 1.02
10.  STABILITY AND REACTIVITY

STABILITY: Stable under recommended storage conditions.

POLYMERIZATION: Can occur at temperatures over 400 °F.


HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide, Nitrous Oxide, Hydrogen Cyanide and other undetermined compounds.

INCOMPATIBLE MATERIALS: Water, amines, strong bases, alcohols, copper alloys

11.  TOXICOLOGICAL INFORMATION

ACUTE

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ORAL LD₅₀ (rat)</th>
<th>DERMAL LD₅₀ (rabbit)</th>
<th>INHALATION LC₅₀ (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Paraffinic Petroleum Oil Solvent Extract</td>
<td>&gt; 5000 mg/kg</td>
<td>&gt; 2000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>2,2,4-Trimethyl-1,3-pentanediol diisobutyrate</td>
<td>&gt; 3200 mg/kg</td>
<td>&gt; 20 mL/kg</td>
<td>453 ppm/6h</td>
</tr>
<tr>
<td>Toluenediisocyanate (mixed isomers)</td>
<td>5800 mg/kg</td>
<td>&gt; 16000 mg/kg</td>
<td>100 to 360 mg/m³/4h</td>
</tr>
</tbody>
</table>

EYE EFFECTS: Moderate eye irritant.

SKIN EFFECTS: Moderate skin irritant.

CARCINOGENICITY

IARC: Toluene Diisocyanate is listed in Group 2B as a substance that is possibly carcinogenic to humans.

NTP: Toluene Diisocyanate is listed as a substance that may reasonably be anticipated to be a carcinogen.

OSHA: No components in this product are regulated as a carcinogen.

SENSITIZATION: This material is a respiratory sensitizer and irritant. Repeated and/or prolonged contact may cause skin sensitization and irritation.

12.  ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

TDI:
LC₅₀ (Zebra fish) > 500 mg/L (24 hour)
EC₅₀ (Daphnia magna) ~ 750 mg/L (24 hour)

GENERAL COMMENTS: No testing for product as a whole.

13.  DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Disposal should be in accordance with local, state, provincial or national regulations.

EMPTY CONTAINER: Empty containers should be decontaminated and either passed to an approved drum recycler or destroyed.

RCRA/EPA WASTE INFORMATION: If discarded in its purchased form, this material is not a hazardous waste under RCRA (40 CFR 261).

GENERAL COMMENTS: The generation of waste should be avoided or minimized whenever possible. Chemical waste, even small quantities, should never be poured down drains, sewers or waterways.

14.  TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)
PROPER SHIPPING NAME: Not regulated when shipped below RQ.
REPORTABLE QUANTITY (RQ) UNDER CERCLA: 10000 lbs

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
311/312 HAZARD CATEGORIES: Immediate health hazard. Delayed health hazard.

EPCRA SECTION 313 SUPPLIER NOTIFICATION

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<td>26471-62-5</td>
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CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CERCLA RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluenediisocyanate (mixed isomers)</td>
<td>&lt; 1</td>
<td>100 lbs</td>
</tr>
</tbody>
</table>

REPORTABLE SPILL QUANTITY: 10000 lbs

TSCA (TOXIC SUBSTANCE CONTROL ACT)
TSCA REGULATORY: All components are on TSCA inventory.

RCRA STATUS: Not hazardous if discarded in its purchased form. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste.

OSHA HAZARD COMM. RULE: This product is classified as a hazardous material under the criteria outlined in the OSHA Hazard Communication Standard 29 CFR 1910.1200.

NATIONAL RESPONSE CENTER: Any spill or release above the RQ must be reported to the National Response Center (800-424-8802).

16. OTHER INFORMATION

PREPARED BY: L. Priest

HMIS RATING

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>* 2</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

NFPA CODES

NFPA STORAGE CLASSIFICATION: Rating system: 0 = low hazard to 4 = high hazard

HMIS RATINGS NOTES:
If present, the asterisk signifies a chronic health hazard.
Rating system: 0 = low hazard to 4 = high hazard

COMMENTS:
Key Legend Information:
ACGIH - American Conference of Governmental Industrial Hygienists
EPA - Environmental Protection Agency
IARC - International Agency for Research on Cancer
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