### Section 1: Identification of the Substance/Mixture and the Company/Undertaking

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>DriWall Membrane Adhesive</th>
<th>Product Code:</th>
<th>60-0100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company/Undertaking:</td>
<td>Keene Building Products</td>
<td>Email:</td>
<td><a href="mailto:info@keenebuilding.com">info@keenebuilding.com</a></td>
</tr>
<tr>
<td>Address:</td>
<td>23750 St. Clair Ave.</td>
<td>Phone:</td>
<td>877-514-5336</td>
</tr>
<tr>
<td></td>
<td>Euclid, OH 44117 USA</td>
<td>Chemtrec:</td>
<td>1-800-424-9300</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chemtrec Global:</td>
<td>1-703-741-5970</td>
</tr>
</tbody>
</table>

### Section 2: Hazard(s) Identification

**GHS Ratings:**

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable liquid</td>
<td>2</td>
<td>Flash point &lt; 23°C and initial boiling point &gt; 35°C (95°F)</td>
</tr>
<tr>
<td>Skin corrosive</td>
<td>2</td>
<td>Reversible adverse effects in dermal tissue, Draize score: &gt;= 2.3 &lt; 4.0 or persistent inflammation</td>
</tr>
<tr>
<td>Eye corrosive</td>
<td>2A</td>
<td>Eye irritant: Subcategory 2A, Reversible in 21 days</td>
</tr>
<tr>
<td>Carcinogen</td>
<td>2</td>
<td>Limited evidence of human or animal carcinogenicity</td>
</tr>
<tr>
<td>Reproductive toxin</td>
<td>1A</td>
<td>Based on human evidence</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>1</td>
<td>Aspiration Toxicity Category 1: Known (regarded)- human evidence - hydrocarbons with kinematic viscosity &lt;= 20.5 mm²/s at 40°C.</td>
</tr>
</tbody>
</table>

**GHS Hazards:**

- H225: Highly flammable liquid and vapour
- H304: May be fatal if swallowed and enters airways
- H315: Causes skin irritation
- H319: Causes serious eye irritation
- H351: Suspected of causing cancer
- H360: May damage fertility or the unborn child

**GHS Precautions:**

- P201: Obtain special instructions before use
- P202: Do not handle until all safety precautions have been read and understood
- P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
- P233: Keep container tightly closed
- P240: Ground/bond container and receiving equipment
- P241: Use explosion-proof electrical/ventilating/lighting/equipment
- P242: Use only non-sparking tools
- P243: Take precautionary measures against static discharge
- P264: Wash thoroughly after handling.
- P280: Wear protective gloves/protective clothing/eye protection/face protection
- P281: Use personal protective equipment as required
- P321: Specific treatment, see supplemental first aid information.
- P331: Do NOT induce vomiting
- P362: Take off contaminated clothing and wash before reuse
- P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
- P302+P352: IF ON SKIN: Wash with soap and water
- P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
  Rinse skin with water/shower
P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing
P308+P313 IF exposed or concerned: Get medical advice/attention
P332+P313 If skin irritation occurs: Get medical advice/attention
P337+P313 Get medical advice/attention
P370+P378 In case of fire: Use alcohol resistant foam, dry chemical, carbon dioxide (CO2), dry sand for extinction
P405 Store locked up
P403+P235 Store in a well ventilated place. Keep cool
P501 Dispose of contents/container in accordance with local/regional/national/international regulations. Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.

Signal Word: Danger

Unnecessary exposure to any chemical should be avoided. NOTICE—Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Do not breathe vapors or spray mist. Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after applicable limits. Follow respirator manufacturer's directions for respirator use.

### Section 3: Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS number</th>
<th>Weight Concentration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl acetate</td>
<td>79-20-9</td>
<td>40.00% - 50.00%</td>
</tr>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>Xylenes (o-, m-, p- isomers)</td>
<td>1330-20-7</td>
<td>5.00% - 10.00%</td>
</tr>
<tr>
<td>Methyl alcohol</td>
<td>67-56-1</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>100-41-4</td>
<td>0.10% - 1.00%</td>
</tr>
</tbody>
</table>

### Section 4: First Aid Measures

**After Inhalation:** Immediately supply fresh air. Keep patient in restful and comfortable position for breathing. If required provide artificial respiration, although this may be dangerous. Consult doctor if symptoms persist.

**After Eye Contact:** Immediately rinse opened eye(s) for several minutes under running water. Use lukewarm water if possible. Remove contact lenses if worn. Get medical attention.

**After Skin Contact:** Remove contaminated clothing and shoes. Immediately wash with water and soap, rinse thoroughly. If skin irritation continues, consult a doctor.

**After Swallowing:** Immediately get medical attention. Call a poison center or physician. Rinse out mouth and then drink small amounts of water. Do not induce vomiting as this may be dangerous. Aspiration hazard if swallowed, can enter lungs and cause damage. If vomiting occurs, the head should be kept low to avoid vomit entering the lungs. Maintain an open airway.

**Notes to Physician:** Treat symptomatically

### Section 5: Firefighting Measures

Flammable Liquid Flash Point: -10 C (14 F)
Extinguishing Media:
Alcohol resistant foam
Fire-extinguishing powder
Carbon dioxide

Special Hazards Arising from the Substance of Mixture:
Formation of toxic gases is possible during heating or in case of fire. Check flammability in section 2 of this sheet. Mixture in sealed and heated containers may cause explosion hazard.

Hazardous Combustion Products may include the following:
Carbon oxides. Metal oxide(s). Nitrogen oxides.
Can form explosive vapor-air mixtures
Vapors are heavier than air and may spread along floors. Vapors may travel considerable distance to source of ignition and flash back.

Advice for Firefighters:
Clear fire area of unprotected personnel. Containers that are exposed to intense heat should be cooled with water. Avoid spreading burning liquid with the water used for cooling purposes. Do not enter fire area without protective gear. Fight fire from safe distance or a protected location.

Fire Equipment:
Wear self-contained respiratory protective device. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:
Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources.
Wear protective clothing.
Keep from contacting skin or eyes.
Avoid breathing vapors, mist, or gas.
Ensure adequate ventilation.
Evacuate personnel to safe areas.
If any equipment is necessary, ensure that it is non-sparking and electrically-protected.

Environmental precautions:
Do not allow product to reach sewage system or any water source.
In case of seepage into the ground inform responsible authorities
Prevent from spreading (e.g. by damming-in or oil barriers).
Keep contaminated washing water and dispose of appropriately

Methods and material for containment and cleaning up:
Ensure adequate ventilation
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste.
Do not flush with water or aqueous cleansing agents.
Send for recovery or disposal in suitable receptacles according to local, state and federal regulations.

Section 7: Handling and Storage

Handling:
Apply proper ventilation, possibly combined with local exhaust.
Do not eat, smoke or drink during use.
For personal protection see Section 8.
Keep away from sources of ignition.
Keep material out of reach of children.
Use only explosion proof equipment.
Wash thoroughly after handling.

**Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges by bonding and grounding product containers before and during material transfers.
Keep respiratory protective device available.

**Conditions for safe storage, including any incompatibilities:**
**Storage:**
Keep away from sources of ignition - no smoking. Store in a cool, well ventilated place. Keep in original, closed packaging. Comply with governmental regulations.
Keep container tightly closed. Store out of direct sunlight, between 40 and 90F.

**Specific end use(s):** FOR INDUSTRIAL USE ONLY!

### Section 8: Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>Chemical Name / CAS No.</th>
<th>OSHA Exposure Limits</th>
<th>ACGIH Exposure Limits</th>
<th>Other Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl acetate 79-20-9</td>
<td>200 ppm TWA; 610 mg/m3 TWA</td>
<td>250 ppm STEL 200 ppm TWA</td>
<td>NIOSH: 200 ppm TWA; 610 mg/m3 TWA 250 ppm STEL; 760 mg/m3 STEL</td>
</tr>
<tr>
<td>Toluene 108-88-3</td>
<td>200 ppm TWA</td>
<td>20 ppm TWA</td>
<td>NIOSH: 100 ppm TWA; 375 mg/m3 TWA 150 ppm STEL; 560 mg/m3 STEL</td>
</tr>
<tr>
<td>Xylenes (o-, m-, p- isomers) 1330-20-7</td>
<td>100 ppm TWA; 435 mg/m3 TWA</td>
<td>150 ppm STEL 100 ppm TWA</td>
<td>Not Established</td>
</tr>
<tr>
<td>Methyl alcohol 67-56-1</td>
<td>200 ppm TWA; 260 mg/m3 TWA</td>
<td>250 ppm STEL 200 ppm TWA</td>
<td>NIOSH: 200 ppm TWA; 260 mg/m3 TWA 250 ppm STEL; 325 mg/m3 STEL</td>
</tr>
<tr>
<td>Ethylbenzene 100-41-4</td>
<td>100 ppm TWA; 435 mg/m3 TWA</td>
<td>20 ppm TWA</td>
<td>NIOSH: 100 ppm TWA; 435 mg/m3 TWA 125 ppm STEL; 545 mg/m3 STEL</td>
</tr>
</tbody>
</table>

**Ventilation:**
All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Use local exhaust at filling zones and where leakage and dust formation is probable. Use mechanical (general) ventilation for storage areas. Use appropriate ventilation as required to keep Exposure Limits in Air below TLV & PEL limits.

**Personal Protective Equipment/General Protective and Hygienic Measures:**

**Respiratory Protection:**
In outdoor or open areas use (NIOSH/MSHA approved) mechanical filter respirator to remove solid airborne particles of overspray during spray application. In restricted ventilation areas use (NIOSH/MSHA approved) chemical-mechanical filters designed to remove a combination of particulate and gas and vapor. In confined areas use (NIOSH/MSHA approved) airline type respirators or hoods. Respiratory protection may also be necessary in any later manufacturing operations in which the product may become airborne in the form of vapor or dust.
Protective Gloves:
Protective gloves are required for prolonged or repeated contact. Wear resistant gloves such as natural rubber, neoprene, buna N or nitrile. An apron should be worn to avoid skin contact. (Consult your safety equipment supplier.)

Eye Protection:
Avoid contact with eyes. Wear goggles if there is a likelihood of contact with eyes. (Consult your safety equipment supplier.) Eyewash stations and safety showers should be readily available in use and handling areas. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

Body Protection:
Chemically resistance gloves, apron and safety goggles are recommended. Type of protective equipment should be selected based on concentration amount and conditions of use of this material.

Contaminated Gear:
Dispose of in accordance with official regulations.

Section 9: Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Liquid</th>
<th>Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
<td>Typical Solvent</td>
</tr>
<tr>
<td>Boiling Range</td>
<td>57 to 141 °C</td>
<td>Vapor Pressure 138.7 mmHg</td>
</tr>
<tr>
<td>Coating VOC (as supplied)</td>
<td>2.02 lb/gl</td>
<td>Specific Gravity (SG) 0.929</td>
</tr>
<tr>
<td>Coating VOC (EPA calculation)</td>
<td>3.49 lb/gl</td>
<td></td>
</tr>
</tbody>
</table>

Section 10: Stability and Reactivity

Incompatibilities:
Avoid contact with strong oxidizing agents.

Hazardous Decomposition:
Thermal decomposition may form toxic materials; carbon dioxide, carbon monoxide, various hydrocarbons, etc.

Hazardous polymerization will not occur.

Section 11: Toxicological Information

Mixture Toxicity
Inhalation Toxicity LC50: 55mg/L

Component Toxicity
108-88-3 Toluene
Oral LD50: 2,600 mg/kg (Rat) Inhalation LC50: 13 mg/L (Rat)

100-41-4 Ethylbenzene
Oral LD50: 3,500 mg/kg (Rat) Inhalation LC50: 17 mg/L (Rat)

Routes of Entry:

Target Organs:
Eyes Kidneys Liver Central Nervous System Skin GI Tract
Respiratory System

Effects of Overexposure
Carcinogenicity:
The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Description</th>
<th>% Weight</th>
<th>Carcinogen Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>.1 to 1.0%</td>
<td>Ethylbenzene: IARC: Possible human cancerogen OSHA: listed</td>
</tr>
</tbody>
</table>

Section 12: Ecological Information

Environmental Impact Statement/Toxicity:

Aquatic toxicity: No further relevant information available
Persistence and degradability: No further relevant information available
Bioaccumulative potential: No further relevant information available
Mobility in soil: No further relevant information available
Other adverse effect: No further relevant information available

Component Ecotoxicity

Methyl acetate
96 Hr LC50 Pimephales promelas: 295 - 348 mg/L [flow-through]; 96 Hr LC50 Brachydanio rerio: 250 - 350 mg/L [static]
48 Hr EC50 Daphnia magna: 1026.7 mg/L
72 Hr EC50 Desmodesmus subspicatus: >120 mg/L

Toluene
96 Hr LC50 Pimephales promelas: 15.22 - 19.05 mg/L [flow-through] (1 day old); 96 Hr LC50 Pimephales promelas: 12.6 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 5.89 - 7.81 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 14.1 - 17.16 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 5.8 mg/L [semi-static]; 96 Hr LC50 Lepomis macrochirus: 11.0 - 15.0 mg/L [static]; 96 Hr LC50 Oryzias latipes: 54 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 28.2 mg/L [semi-static]; 96 Hr LC50 Poecilia reticulata: 50.87 - 70.34 mg/L [static]
48 Hr EC50 Daphnia magna: 5.46 - 9.83 mg/L [Static]; 48 Hr EC50 Daphnia magna: 11.5 mg/L
96 Hr EC50 Pseudokirchneriella subcapitata: >433 mg/L; 72 Hr EC50 Pseudokirchneriella subcapitata: 12.5 mg/L [static]

Xylenes (o-, m-, p- isomers)
96 Hr LC50 Pimephales promelas: 13.4 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 2.661 - 4.093 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 13.5 - 17.3 mg/L; 96 Hr LC50 Lepomis macrochirus: 13.1 - 16.5 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 19 mg/L; 96 Hr LC50 Lepomis macrochirus: 7.711 - 9.591 mg/L [static]; 96 Hr LC50 Pimephales promelas: 23.53 - 29.97 mg/L [static]; 96 Hr LC50 Cyprinus carpio: 780 mg/L [semi-static]; 96 Hr LC50 Cyprinus carpio: >780 mg/L; 96 Hr LC50 Poecilia reticulata: 30.26 - 40.75 mg/L [static]
48 Hr EC50 water flea: 3.82 mg/L; 48 Hr LC50 Gammarus lacustris: 0.6 mg/L

Methyl alcohol
96 Hr LC50 Pimephales promelas: 28200 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >100 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 19500 - 20700 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 18 - 20 mL/L [static]; 96 Hr LC50 Lepomis macrochirus: 13500 - 17600 mg/L [flow-through]
Section 13: Disposal Considerations

Waste treatment methods:
Recommendation:
Must not be disposed of together with household garbage.
Do not allow product to reach sewage system.

Disposal of this product and any by-products must at all times comply with local, state and Federal regulations for hazardous wastes. All entities that store, transport or handle hazardous waste must take the necessary measures to prevent risks of pollution, release into the environment or damage to people and animals.

Contaminated Packaging:
Waste packaging should be recycled. Care should be taken when handling emptied containers that have not been cleaned. Empty containers retain some product residues. Vapor from that residue may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers.

Section 14: Transport Information

<table>
<thead>
<tr>
<th>Agency</th>
<th>Proper Shipping Name</th>
<th>UN Number</th>
<th>Packing Group</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>ADHESIVE</td>
<td>UN1133</td>
<td>II</td>
<td>3</td>
</tr>
<tr>
<td>IATA</td>
<td>ADHESIVE</td>
<td>UN1133</td>
<td>II</td>
<td>3</td>
</tr>
<tr>
<td>IMDG</td>
<td>ADHESIVE</td>
<td>UN1133</td>
<td>II</td>
<td>3</td>
</tr>
</tbody>
</table>

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Prop 65 - Chemicals Known to Cause Developmental Toxicity
  67-56-1  Methyl alcohol
  108-88-3  Toluene

Prop 65 - Chemicals Known to Cause Cancer:
  100-41-4  Ethylbenzene
  108-88-3  Toluene

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs
  - None

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs
  - None

U.S. - CERCLA/SARA - Section 313 - Emission Reporting
TSCA (Toxic Substances Control Act)

<table>
<thead>
<tr>
<th>Country</th>
<th>Regulation</th>
<th>All Components Listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA</td>
<td>Inventory - United States - Section 8(b) Inventory (TSCA)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>DSL (Canadian Domestic Substance List)</td>
<td>Yes</td>
</tr>
</tbody>
</table>

EU Risk Phrases

Safety Phrase

U.S. - TSCA:  
- None

U.S. - SARA:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1330-20-7</td>
<td>Xylenes (o-, m-, p- isomers)</td>
</tr>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
</tr>
</tbody>
</table>

Section 16: Other Information

*DISCLAIMER*

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Date Prepared: 9/2/2020

Reviewer Revision