SAFETY DATA SHEET

This SDS complies with REACH 1907/2006 and 2001/58/EC, GHS, OSHA 29CFR 1910.1200

Section 1: Chemical Product and Company Identification

CHEMICAL SUPPLIER COMPANY NAME
Access-Able Technologies, Inc.
1275 Bennett Drive
Unit #115
Longwood, Florida 32750

EMERGENCY TELEPHONE
Chemtrec 24 hrs USA: 800-424-9300
Chemtrec International: 703-527-3887
Information: 407-834-2999
Fax: 407-834-8992
Safety Data Sheet Competent Person: info@accessabletech.com

DATE PREPARED: April 12, 2012

PRODUCT NAME: POW-R WRAP
FORMULA: Preparation/Mixture
PRODUCT USE: Repair of leaks in all types of pipes, hoses, and lines that may contain fluids, gases, or any other type of material.

REVISION DATE: September 14, 2015

Section 2: Hazards Identification

GHS Hazard Class
Acute Toxicity Inhalation -- Category 4
Sensitization Respiratory—Category 1
Sensitization Skin—Category 1
Specific Target Organ Toxicity – Single Exposure Category 3
Specific Target Organ Toxicity – Repeated Exposure -- Category 2

Signal word: Danger

Hazard Statement:
H332 Harmful if inhaled
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 May cause allergic skin reaction.
H335 May cause respiratory irritation;
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements: Prevention
P261 Avoid breathing dust/fume/gas/mist/vapours/spray
P271 Use only outdoors or in a well-ventilated area.
P284 In case of inadequate ventilation wear respiratory protection.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P342 + P311 If experiencing respiratory symptoms: Call a POISON Center or doctor.
P302 + P352 IF ON SKIN: Wash with plenty of water.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P321 Specific treatment (see supplemental first aid on label)
P362 + P364 Take off contaminated clothing and wash it before reuse.
P314 Get medical advice/attention if you feel unwell.

Storage
P403 + P233 Store in a well ventilated place. Keep container tightly closed.
P405 Store locked up.

Disposal
P501 Dispose of contents/container: Follow the waste disposal requirements of your country, state, or local authorities.

<5 % of mixture consists of ingredients of unknown acute toxicity

HAZARD CLASSIFICATION: Not Classified As Hazardous Based On IMO and DOT.
FIRE AND EXPLOSION: Not considered flammable or combustible, but this product will burn if involved in a fire.
Product emits toxic fumes when burned.
APPEARANCE: Fiberglass tape impregnated with grey liquid
NFPA Rating:

<table>
<thead>
<tr>
<th>Component</th>
<th>Health (Blue)</th>
<th>Flammability (Red)</th>
<th>Reactivity (Yellow)</th>
<th>Special (White)</th>
</tr>
</thead>
<tbody>
<tr>
<td>POW-R WRAP</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>--</td>
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</table>

Section 3: Composition, Information on Ingredients

<table>
<thead>
<tr>
<th>PRODUCT COMPOSITION</th>
<th>APPROX %</th>
<th>CAS NO.</th>
<th>EC NUMBER</th>
<th>CANADA DSL</th>
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</thead>
<tbody>
<tr>
<td>Fiberglass</td>
<td>40 - 60</td>
<td>65997-17-3</td>
<td>-----</td>
<td>-----</td>
</tr>
<tr>
<td>4,4'-Diphenylmethane Diisocyanate</td>
<td>10 - 20</td>
<td>101-68-8</td>
<td>202-966-0</td>
<td>Y</td>
</tr>
<tr>
<td>(MDI)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polysiocyanate Prepolymer based on</td>
<td>30 - 50</td>
<td>TS</td>
<td>TS</td>
<td>TS</td>
</tr>
<tr>
<td>MDI</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polymeric Diphenylmethane</td>
<td>&lt;5</td>
<td>9016-87-9</td>
<td>-----</td>
<td>Y</td>
</tr>
<tr>
<td>Diisocyanate (pMDI)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diphenylmethane Diisocyanate</td>
<td>&lt;5</td>
<td>26447-40-5</td>
<td>-----</td>
<td>Y</td>
</tr>
<tr>
<td>(MDI) Mixed Isomers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polyester resin</td>
<td>&lt;5</td>
<td>TS</td>
<td>TS</td>
<td>TS</td>
</tr>
</tbody>
</table>

Trade Secret (TS) Some items on this MSDS may be designated as trade secrets. Bonafide requests for disclosure of trade secret information to medical personnel must be made in accordance with the provisions contained in 29 CFR 1910.1200 I 1-13. The full text for all R-Phrases is shown in Section 16.

Section 4: First Aid Measures

Description of First Aid Measures

Inhalation
Remove to fresh air. If not breathing, provide CPR (cardio pulmonary resuscitation). Get immediate medical attention.

Skin Contact
Immediately wash skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing.

Eye Contact
Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Ingestion
If swallowed do not induce vomiting, give large quantities of water to drink. Never give anything to an unconscious person. Get immediate medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms/Injuries after Inhalation
May cause respiratory tract irritation. May cause dizziness, headache, nausea and mental confusion.

Symptoms/Injuries after Skin Contact
May cause skin irritation. Symptoms may include redness, drying, defatting, and cracking of the skin.

Symptoms/Injuries after Eye Contact
May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Symptoms/Injuries after Ingestion
May be harmful if swallowed. May cause stomach distress, nausea, or vomiting.

Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately.

**Acute:** Diisocyanate vapors or mist at concentrations above the TLV or PEL can irritate (burning sensation) the mucous membranes in the respiratory tract (nose, throat, lungs) causing runny nose, sore throat, coughing, chest discomfort, shortness of breath and reduced lung function (breathing obstruction). Persons with a preexisting, nonspecific bronchial hyperreactivity can respond to concentrations below the TLV or PEL with similar symptoms as well as asthma attack or asthma-like symptoms. Exposure well above the TLV or PEL may lead to bronchitis, bronchial spasm and pulmonary edema (fluid in lungs). Chemical or hypersensitivity pneumonitis, with flu-like symptoms (e.g., fever, chills), has also been reported. These symptoms can be delayed up to several hours after exposure. These effects are usually reversible.
Causes skin irritation with symptoms of reddening, itching, and swelling. Persons previously sensitized can experience allergic skin reaction with symptoms of reddening, itching, swelling, and rash. Cured material is difficult to remove. Contact with MDI can cause discoloration.

Causes eye irritation with symptoms of reddening, tearing, stinging, and swelling. May cause temporary corneal injury. Vapor or aerosol may cause irritation with symptoms of burning and tearing.

May cause irritation of the digestive tract. Symptoms may include abdominal pain, nausea, vomiting, and diarrhea.

**Chronic:** As a result of previous repeated overexposures or a single large dose, certain individuals may develop sensitization to isocyanates (asthma or asthma-like symptoms) that may cause them to react to a later exposure to isocyanates at levels well below the TLV or PEL. These symptoms, which can include chest tightness, wheezing, cough, shortness of breath or asthmatic attack, could be immediate or delayed up to several hours after exposure. Extreme asthmatic reactions can be life threatening. Similar to many non-specific asthmatic responses, there are reports that once sensitized an individual can experience these symptoms upon exposure to dust, cold air or other irritants. This increased lung sensitivity can persist for weeks and in severe cases for several years. Sensitization can be permanent. Chronic overexposure to isocyanates has also been reported to cause lung damage (including fibrosis, decrease in lung function) that may be permanent. Prolonged contact with skin can cause reddening, swelling, rash, and, in some cases, skin sensitization. Animal tests and other research indicate that skin contact with MDI can play a role in causing isocyanate sensitization and respiratory reaction. This data reinforces the need to prevent direct skin contact with isocyanates.

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**Section 5: Fire-fighting Measures**

**Suitable extinguishing media**
- Use foam, dry chemical, or carbon dioxide.

**Special hazards arising from the substance or mixture**
- No data available.

**Protective actions fire-fighters**
- Wear standard protective equipment and self contained breathing apparatus for firefighting if necessary.
- Use water spray to cool unopened containers. Emits toxic fumes under fire conditions.

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**Section 6: Accidental Release Measures**

**Personal precautions, protective equipment, and emergency procedures**
- Wear proper personal protective equipment. Avoid breathing vapors or mist.

**Environmental precautions**
- None

**Methods and materials for containment and cleaning up**
- Place waste material or unused material in a waste container.

**Reference to other Sections**

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**Section 7: Handling and Storage**

**Precautions for safe handling**
- Use only with adequate ventilation.
- Do not inhale vapors.
- Wear proper protective equipment when handling this material.
- Avoid contact with skin, eyes or clothing.
- Wash hands and face after handling this material.
- Keep out of reach of children.

**Conditions for safe storage, including any incompatibilities**
- Store upright in a cool, dry place.
- Keep container closed when not in use.
- Utilize chemical segregation.
- Follow all applicable local regulations for handling and storage.
Specific uses
Repair of leaks in all types of pipes, hoses, and lines that may contain fluids, gases, or any other type of material.

Section 8: Exposure Controls/Personal Protection

Control Parameters

<table>
<thead>
<tr>
<th>PRODUCT COMPOSITION</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH REL</th>
</tr>
</thead>
<tbody>
<tr>
<td>101-68-8</td>
<td>0.005 ppm</td>
<td>0.02 ppm; 0.2 mg/m3</td>
<td>-----</td>
</tr>
</tbody>
</table>

Exposure controls

VENTILATION: Always provide good general, mechanical room ventilation where this chemical/material is used.

RESPIRATORY PROTECTION: Use a suitable respiratory protective device in case of insufficient ventilation. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or the European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

PROTECTIVE GLOVES: Wear chemical impervious gloves at all times while working with this product. Recommended glove types include: Laminate Film, Nitrile, or Tri-polymer. Check with your company’s glove supplier to ensure chemical resistance.

EYE PROTECTION: Safety Glasses, Chemical goggles, or face shield

PROTECTIVE CLOTHING: Wear suitable protective clothing to prevent skin contact.

OTHER EQUIPMENT: Make safety shower, eyewash stations, and hand washing equipment available in the work area.

WORK/HYGIENE PRACTICES: Avoid breathing vapor. Avoid contact with eyes. Wash hands and face after handling.

Section 9: Physical and Chemical Properties

| PRODUCT CRITERIA                                                                 |
| APPEARANCE - COLOR:                                                                | Grey |
| PHYSICAL STATE:                                                                 | Fiberglass tape impregnated with grey liquid |
| ODOR:                                                                           | Slight aromatic odor |
| ODOR THRESHOLD:                                                                  | No data available |
| PH                                                                              | No data available |
| MELTING POINT/FREEZING POINT:                                                    | No data available |
| INITIAL BOILING POINT AND BOILING RANGE:                                        | Approx. 694 °F (367.78 °C) Estimated based upon components |
| FLASH POINT:                                                                    | 460 °F (237.78 °C) Pensky-Martens Closed Cup ASTM D-93 |
| EVAPORATION RATE:                                                               | No data available |
| FLAMMABILITY (Solid, gas)                                                       | No data available |
| UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS                                    | Not Measured |
| VAPOR PRESSURE                                                                  | < 0.0001 mmHg @ 77 °F (25 °C) |
| VAPOR DENSITY (AIR = 1)                                                         | Approx. 1.14 g/cm3 @ 77 °F (25 °C) |
| RELATIVE DENSITY (@25°C):                                                       | 1.14 |
| SOLUBILITY (IES)                                                                | Insoluble – Reacts slowly with water to liberate CO2 gas |
| OXIDIZING PROPERTIES                                                            | No data available |
| PARTITION COEFFICIENT: n-octanol/water                                          | No data available |
| AUTO IGNITION TEMPERATURE                                                       | No data available |
| DECOMPOSITION TEMPERATURE                                                       | No data available |
| VISCOSITY                                                                       | Approximately 5400 mPas @ 77 °F (25 °C) |
| VOC CONTENT                                                                     | No data available |
Section 10: Stability and Reactivity

Reactivity: Water reacts with the chemicals in the tape.
Chemical Stability: Stable
Possibility of Hazardous Reactions: Will not occur
Conditions to Avoid: None
Incompatibility (Materials to Avoid): Water
Hazardous Decomposition Products: None

Section 11: Toxicological Information

<table>
<thead>
<tr>
<th>GHS Required Criteria</th>
<th>Toxicity Criteria</th>
<th>Toxicity Information</th>
<th>Comments</th>
<th>Chemical Constituent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity</td>
<td>LD50 (Oral/Rat):</td>
<td>&gt;2000 mg/kg</td>
<td></td>
<td>9016-87-9 pMDI</td>
</tr>
<tr>
<td></td>
<td>LC50 (Inhalation/Rat male):</td>
<td>0.49 mg/l / 4 hour</td>
<td></td>
<td>9016-87-9 pMDI</td>
</tr>
<tr>
<td></td>
<td>LD50 (Dermal/Rabbit):</td>
<td>&gt;9400 mg/kg</td>
<td></td>
<td>9016-87-9 pMDI</td>
</tr>
<tr>
<td></td>
<td>LC50 (Inhalation/Rat male):</td>
<td>0.369 mg/l / 4 hour</td>
<td></td>
<td>101-68-8</td>
</tr>
<tr>
<td></td>
<td>LD50 (Oral/Rat):</td>
<td>&gt;7616 mg/kg</td>
<td></td>
<td>101-68-8</td>
</tr>
<tr>
<td></td>
<td>LD50 (Dermal/Rabbit):</td>
<td>&gt;9400 mg/kg</td>
<td></td>
<td>101-68-8</td>
</tr>
<tr>
<td>Skin Corrosion/Irritation</td>
<td>Skin sensitization (local lymph node assay (LLNA)): positive (mouse, OECD Test Guideline 429)</td>
<td></td>
<td>101-68-8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Skin sensitization according to Buehler (epicutaneous test): negative (guinea pig, OECD Test Guideline 406)</td>
<td></td>
<td>9016-87-9 pMDI</td>
<td></td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>Genetic Toxicity in Vivo: Micronucleus Assay: (mouse) negative</td>
<td></td>
<td>101-68-8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Genetic Toxicity in Vitro: Bacterial - gene mutation assay: negative (Salmonella typhimurium, Metabolic Activation: with/without)</td>
<td></td>
<td>9016-87-9 pMDI</td>
<td></td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>NTP</td>
<td>Not listed</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>IARC</td>
<td>Not classifiable as to its carcinogenicity in humans (Group 3)</td>
<td>101-68-8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>IARC</td>
<td>Not classifiable as to its carcinogenicity in humans (Group 3)</td>
<td>9016-87-9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA</td>
<td>Not listed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reproductive Toxicity</td>
<td>Not information is available.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STOT – Single Exposure</td>
<td>May cause respiratory irritation</td>
<td>Cat 3</td>
<td>9016-87-9</td>
<td></td>
</tr>
<tr>
<td>STOT – Repeated Exposure</td>
<td>May cause damage to organs through prolonged or repeated exposure–inhalation</td>
<td>Cat 2</td>
<td>9016-87-9</td>
<td></td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>No information is available.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Ames Test</td>
<td>Negative</td>
<td>9016-87-9</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Negative</td>
<td>101-68-8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STOT = Specific Target Organ Toxicity</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

Section 12: Ecological Information

<table>
<thead>
<tr>
<th>Toxicity:</th>
<th>EC50: &gt; 100 mg/l, (activated sludge, 3 h)</th>
<th>Chemical Constituent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability:</td>
<td>No information is available.</td>
<td>101-68-8</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Oncorhynchus mykiss (rainbow trout), Exposure time: 112 d, &lt; 1 BCF</td>
<td>101-68-8</td>
</tr>
<tr>
<td>Mobility in soil:</td>
<td>No information is available.</td>
<td></td>
</tr>
<tr>
<td>PBT and vPvB assessment:</td>
<td>PBT/vPvB assessment not available as chemical assessment not required/not conducted</td>
<td></td>
</tr>
<tr>
<td>Other adverse effects:</td>
<td>No information is available.</td>
<td></td>
</tr>
</tbody>
</table>
Section 13: Disposal Considerations

Waste from residues/unused products: Follow the waste disposal requirements of your country, state, or local authorities.

Contaminated packaging: Contaminated packaging material should be disposed of as stated above for residues and unused product.

Rinsate: Do not dispose of rinse water containing product in a sanitary sewer system or stormwater drainage system.

Section 14: Transport Information

DOT TRANSPORT: Not Regulated
ADR = International Carriage of Dangerous Goods by Road Not Regulated
RAIL TRANSPORT: Not Regulated
SEA TRANSPORT: IMDG Not Regulated
AIR TRANSPORT: IATA/ICAO Not Regulated

Section 15: Regulatory Information

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:
This product is in compliance with rules, regulations, and orders of TSCA. All components are either listed on the TSCA inventory or are considered exempt.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III SECTION 313 SUPPLIER NOTIFICATION:
This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the Emergency Planning and Community Right To Know Act of 1986 and 40 CFR 372. This information must be included in all MSDS’s that are copied and distributed for the material.
The Section 313 toxic chemicals contained in this product are: Zinc Sulfide CAS 1314-98-3

CALIFORNIA PROPOSITION 65:
This regulation requires a warning for California Proposition 65 chemical(s) under the statute.
The California proposition 65 chemical(s) contained in this product are: None

STATE RIGHT-TO-KNOW TOXIC SUBSTANCE OR HAZARDOUS SUBSTANCE LIST:
Florida Toxic Substance(s): Not listed
Massachusetts’s hazardous substance(s): Not listed
Pennsylvania hazardous substance code(s): Not listed
New Jersey Not listed
Illinois Not listed
Michigan Not listed

CANADA:
WHMIS-2015: This SDS is in compliance with WHMIS 2015 (HPR / new HPA).

EUROPEAN UNION:
This product has been reviewed for compliance with the following European Community Directives: REACH 1907/2006; Directive 67/548/EEC, Regulation (EC) No 1272/2008 on classification, labeling, and packaging (CLP) of substances and mixtures.
Section 16:  Other Information

Initial issue date: August 8, 2015
Final revision date: September 14, 2015
Revision Number: 0
Revision explanation: Initial version
Information Sources: RTECS, ECHA, REACH, OSHA 29CFR 1910.1200

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