


### Section 1: Information

|                                   |   |
|-----------------------------------|---|
| <b>Product Name</b>               | <b>Spray-On Liquid Electrical Tape, Waterproof Seal, All Indoor/Outdoor Uses, Black, 6oz, 1/Can</b> |
| <b>Product Code(s)</b>            | <b>LTS-400</b>  |
| <b>Recommended Usage</b>          | <b>Not available.</b>   |
| <b>Manufacturer/Distributor</b>   | <b>Power Products LLC (dba Gardner Bender)</b>  |
| <b>Address</b>                    | N85 W12545 Westbrook Crossing<br>Menomonee Falls, WI 53051  |
| <b>Website</b>                    | www.powerprodllc.com  |
| <b>Telephone Number</b>           | 1-800-624-4320  |
| <b>EMERGENCY Telephone Number</b> | Chemtrec: (24/7) 800-424-9300 Or International 703-527-3887   |

### Section 2: Hazard Identification

|                                 |  |   |  |  |  |
|---------------------------------|--|---|--|--|--|
| <b>Physical Hazards</b>         | Flammable Aerosols<br>Gases Under Pressure   | Category 1<br>Liquefied Gas   |  |  |  |
| <b>Health Hazards</b>           | Acute Toxicity, Oral<br>Skin Corrosion/Irritation<br>Serious Eye Damage/Eye Irritation<br>Carcinogenicity<br>Reproductive Toxicity<br>Specific Target Organ Toxicity, Repeated Exposure  | Category 4<br>Category 2<br>Category 2B<br>Category 2<br>Category 2<br>Category 1 |  |  |  |
| <b>Environmental Hazards</b>    | Hazardous To The Aquatic Environment, Acute Hazard<br>Hazardous To The Aquatic Environment, Long-Term Hazard   | Category 2<br>Category 2  |  |  |  |
| <b>GHS Label Elements</b>       |    |   |  |  |  |
| <b>OSHA Defined Hazards</b>     | Not classified.  |   |  |  |  |
| <b>Signal Word</b>              | Danger   |   |  |  |  |
| <b>Hazard Statement</b>         | Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Harmful if swallowed. Causes skin irritation. Causes eye irritation. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.            |   |  |  |  |
| <b>Precautionary Statements</b> |  |   |  |  |  |
| <b>Prevention</b>               | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink |   |  |  |  |

|   |  |
|---|--|
|   | or smoke when using this product. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.   |
| <b>Response</b>                         | If swallowed: Call a poison center/doctor if you feel unwell. If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage. |
| <b>Storage</b>                          | Store locked up. Protect from sunlight. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.   |
| <b>Disposal</b>                         | Dispose of contents/container in accordance with local/regional/national/international regulations.  |
| <b>Hazards Not Otherwise Classified</b> | None known.  |
| <b>Supplemental Information</b>         | 88.47% of the mixture consists of component(s) of unknown acute oral toxicity. 78.67% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 78.67% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.   |

### Section 3 – Composition/Information on Ingredients

| CAS Number/Other Identifiers             |            |           |
|--|------------|-----------|
| Chemical Name                            | CAS Number | %         |
| Aliphatic Petroleum Distillates          | 64742-89-8 | 20 to <30 |
| Propane                                  | 74-98-6    | 20 to <30 |
| Heptane                                  | 142-82-5   | 10 to <20 |
| N-Butane                                 | 106-97-8   | 10 to <20 |
| Xylene                                   | 1330-20-7  | 5 to <10  |
| Ethylbenzene                             | 100-41-4   | 1 to <5   |
| Methyl Ethyl Ketone                      | 78-93-3    | 1 to <5   |
| Methyl N-Amyl Ketone                     | 110-43-0   | 1 to <5   |
| Mineral Spirits                          | 8052-41-3  | 1 to <5   |
| Carbon Black                             | 1333-86-4  | 0.1 to <1 |
| Other Components Below Reportable Levels |            | 10 to <20 |

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

#### Section 4: First-Aid Measures

| Descriptions of First Aid Measures  |   |
|---|---|
| <b>Inhalation</b>   | Call a physician if symptoms develop or persist.  |
| <b>Skin</b>   | No adverse effects due to skin contact are expected. Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.                  |
| <b>Eye</b>  | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. No specific first aid measures noted. |
| <b>Ingestion</b>  | Not likely, due to the form of the product. Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.   |
| Most Important Symptoms/Effects (Acute & Delayed) Potential Health Effects  |   |
| Dizziness. Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.  |   |
| Indication of Immediate Medical Attention & Special Treatment Needed, If Necessary  |   |
| Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.  |   |
| General Information   |   |
| IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. |   |

#### Section 5: Fire-Fighting Measures

| Extinguishing Media   |   |
|---|---|
| <b>Suitable Extinguishing Media</b>   | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).  |
| <b>Unsuitable Extinguishing Media</b>   | Do not use water jet as an extinguisher, as this will spread the fire.  |
| Special hazards arising from the substance or mixture   |   |
| Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed. |   |
| <b>Special Protective Equipment &amp; Precautions For Firefighters</b>  | Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.  |
| <b>Fire Fighting Equipment/Instructions</b>   | In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. |
| <b>Specific methods</b>   | Use standard firefighting procedures and consider the hazards of  |

|                             |   |
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|                             | other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes. |
| <b>General fire hazards</b> | Extremely flammable aerosol. Contents under pressure. Pressurized container may explode when exposed to heat or flame.                              |

## Section 6 - Accidental Release Measures

| <b>Personal precautions, protective equipment and emergency procedures</b>  |   |
|---|---|
| Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. |   |
| <b>Methods And Materials For Containment And Cleaning Up</b>  | Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water. |
| <b>Environmental Precautions</b>  | Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.  |
| <b>Small Spill</b>  | Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.   |

## Section 7 - Handling and Storage

| <b>Conditions for safe storage, including any incompatibilities</b> |   |
|---|---|
| <b>Precautions For Safe Handling</b>                                | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. <u>Do not</u> spray on a naked flame or any other incandescent material. <u>Do not</u> smoke while using or until sprayed surface is thoroughly dry. <u>Do not</u> cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. <u>Do not</u> re-use empty containers. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid |

|   |  |
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|   | prolonged exposure. <u>Do not</u> taste or swallow. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.  |
| <b>Conditions For Safe Storage, Including Any Incompatibilities</b> | Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Secure cylinders in an upright position at all times, close all valves when not in use. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). |

### Section 8 - Exposure Controls/Personal Protection

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components           | CAS       | Type | Value                             |
|----------------------|-----------|------|-----------------------------------|
| Propane              | 74-98-6   | PEL  | 1800 mg/m <sup>3</sup> (1000 ppm) |
| Heptane              | 142-82-5  | PEL  | 2000 mg/m <sup>3</sup> (500 ppm)  |
| Xylene               | 1330-20-7 | PEL  | 435 mg/m <sup>3</sup> (100 ppm)   |
| Ethylbenzene         | 100-41-4  | PEL  | 435 mg/m <sup>3</sup> (100 ppm)   |
| Methyl Ethyl Ketone  | 78-93-3   | PEL  | 590 mg/m <sup>3</sup> (200 ppm)   |
| Methyl N-Amyl Ketone | 110-43-0  | PEL  | 465 mg/m <sup>3</sup> (100 ppm)   |
| Mineral Spirits      | 8052-41-3 | PEL  | 2900 mg/m <sup>3</sup> (500 ppm)  |
| Carbon Black         | 1333-86-4 | PEL  | 3.5 mg/m <sup>3</sup>             |

#### US. ACGIH Threshold Limit Values

| Components           | CAS       | Type       | Value               | Form                |
|----------------------|-----------|------------|---------------------|---------------------|
| Heptane              | 142-82-5  | STEL / TWA | 500 ppm / 400 ppm   |                     |
| N-Butane             | 106-97-8  | STEL       | 1000 ppm            |                     |
| Xylene               | 1330-20-7 | STEL / TWA | 150 ppm / 100 ppm   |                     |
| Ethylbenzene         | 100-41-4  | TWA        | 20 ppm              |                     |
| Methyl Ethyl Ketone  | 78-93-3   | STEL / TWA | 300 ppm / 200 ppm   |                     |
| Methyl N-Amyl Ketone | 110-43-0  | TWA        | 50 ppm              |                     |
| Mineral Spirits      | 8052-41-3 | TWA        | 100 ppm             |                     |
| Carbon Black         | 1333-86-4 | TWA        | 3 mg/m <sup>3</sup> | Inhalable fraction. |

#### US. NIOSH: Pocket Guide to Chemical Hazards

| Components           | CAS      | Type          | Value   |
|----------------------|----------|---------------|---|
| Propane              | 74-98-6  | TWA           | 1800 mg/m <sup>3</sup> (100 ppm)                                  |
| Heptane              | 142-82-5 | Ceiling / TWA | 1800 mg/m <sup>3</sup> (440 ppm) / 350 mg/m <sup>3</sup> (85 ppm) |
| N-Butane             | 106-97-8 | TWA           | 1900 mg/m <sup>3</sup> (800 ppm)                                  |
| Ethylbenzene         | 100-41-4 | STEL / TWA    | 545 mg/m <sup>3</sup> (125 ppm) / 435 mg/m <sup>3</sup> (100 ppm) |
| Methyl Ethyl Ketone  | 78-93-3  | STEL / TWA    | 885 mg/m <sup>3</sup> (300 ppm) / 590 mg/m <sup>3</sup> (200 ppm) |
| Methyl N-Amyl Ketone | 110-43-0 | TWA           | 465 mg/m <sup>3</sup> (100 ppm)                                   |

| Mineral Spirits   | 8052-41-3  | Ceiling / TWA | 1800 mg/m <sup>3</sup> / 350 mg/m <sup>3</sup> |
|---|--|---------------|--|
| Carbon Black  | 1333-86-4  | TWA           | 0.1 mg/m <sup>3</sup>                          |
| ACGIH Biological Exposure Indices                                     |  |               |  |
| Components  | CAS  | Value         | Determinant                                    |
| Xylene  | 1330-20-7  | 0.15 g/g      | Sum of mandelic & phenylglyoxylic acid         |
| Ethylbenzene  | 100-41-4   | 2 mg/l        | MEK  |
| Methyl Ethyl Ketone   | 78-93-3  | 1.5 g/g       | Methylhippuric acids                           |
| For sampling details, please see the source document.                 |  |               |  |
| <b>Appropriate Engineering Controls</b>                               | Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product. |               |  |
| Individual protection measures, such as personal protective equipment |  |               |  |
| <b>Eye/Face Protection</b>  | Wear safety glasses with side shields (or goggles).  |               |  |
| <b>Skin Protection</b>  |  |               |  |
| <b>Hand Protection</b>  | Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.  |               |  |
| <b>Other</b>  | Wear appropriate chemical resistant clothing.  |               |  |
| <b>Respiratory Protection</b>   | If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.  |               |  |
| <b>Thermal Hazards</b>  | Wear appropriate thermal protective clothing, when necessary.  |               |  |
| <b>General Hygiene Considerations</b>                                 | When using do not smoke. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.  |               |  |

## Section 9 - Physical and Chemical Properties

| Information on Physical and Chemical Properties      |                           |  |                      |
|--|---------------------------|--|----------------------|
| <b>Appearance</b><br>(Physical state, color, etc.)   | Liquid                    | <b>Flammability Limit - Lower</b>                                | 1.9 % (estimated)    |
|  | Aerosol.                  | <b>Flammability Limit - Upper</b>                                | 9.5 % (estimated)    |
|  | Liquefied Gas             | <b>Explosive Limit - Lower</b>                                   | Not Available        |
|  | Not Available             | <b>Explosive Limit - Upper</b>                                   | Not Available        |
| <b>Odor</b>  | Not Available             | <b>Vapor Density</b>   | Not Available        |
| <b>Odor Threshold</b>                                | Not Available             | <b>Partition coefficient</b>                                     | Not Available        |
| <b>pH</b>  | Not Available             | <b>Relative Density</b>  | Not Available        |
| <b>Melting Point/<br/>Freezing Point (Estimated)</b> | -305.68 °F<br>(-187.6 °C) | <b>Initial Boiling Point &amp; Boiling<br/>Range (Estimated)</b> | -43.78 °F (-42.1 °C) |
| <b>Solubility (water)</b>                            | Not Available             | <b>Auto-ignition temperature</b>                                 | 550 °F (287.78 °C)   |

|                                       |                                     |  |                                     |
|---------------------------------------|-------------------------------------|--|-------------------------------------|
| <b>Flammability (solid, gas)</b>      | Not Applicable                      | <b>Density</b>                                   | 5.61 lbs/gal                        |
| <b>Evaporation Rate</b>               | Not Available                       | <b>Decomposition temperature</b>                 | Not Available                       |
| <b>Viscosity</b>                      | Not Available                       | <b>Flash Point (Estimated)</b>                   | -156.0 °F (-104.4 °C)               |
| <b>Flammability Class (Estimated)</b> | Flammable IA                        | <b>Heat Of Combustion (NFPA 30B) (Estimated)</b> | 36.08 kJ/g                          |
| <b>Percent Volatile</b>               | 88.6                                | <b>Specific Gravity</b>                          | 0.67                                |
| <b>VOC (Material)</b>                 | 4.9644491 lbs/gal<br>594.872198 g/l | <b>VOC (Regulatory)</b>                          | 594.871814 g/l<br>4.9644459 lbs/gal |

### Section 10: Stability and Reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| <b>Chemical Stability</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of Hazardous Reactions</b> | Hazardous polymerization does not occur.  |
| <b>Conditions to Avoid</b>                | Heat. Avoid temperatures exceeding the flash point. Contact with incompatible materials.      |
| <b>Incompatible Materials</b>             | Strong acids. Strong oxidizing agents. Nitrates. Halogens. Fluorine. Chlorine.                |
| <b>Hazardous Decomposition Products</b>   | No hazardous decomposition products are known.  |

### Section 11 - Toxicological Information

| Information On Likely Routes Of Exposure  |  |            |             |         |                          |
|---|--|------------|-------------|---------|--------------------------|
| <b>Inhalation</b>   | May cause damage to organs through prolonged or repeated exposure by inhalation. Prolonged inhalation may be harmful.                                |            |             |         |                          |
| <b>Skin contact</b>   | Causes skin irritation.  |            |             |         |                          |
| <b>Eye contact</b>  | Causes eye irritation.   |            |             |         |                          |
| <b>Ingestion</b>  | Harmful if swallowed.  |            |             |         |                          |
| <b>Symptoms Related To The Physical, Chemical &amp; Toxicological Characteristics</b> | Dizziness. Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Skin irritation. May cause redness and pain. |            |             |         |                          |
| Component   | CAS  | Route      | Measurement | Species | Value                    |
| Propane   | 74-98-6  | Inhalation | LC50        | Rat     | > 1442.847 mg/l, 15 Min. |
| Heptane   | 142-82-5   | Inhalation | LC50        | Rat     | 103 mg/l, 4 Hours /      |
| Heptane   | 142-82-5   | Inhalation | LD50        | Mouse   | 75 mg/l, 2 Hours         |
| N-Butane  | 106-97-8   | Inhalation | LC50        | Mouse   | 680 mg/l, 2 Hours        |
| N-Butane  | 106-97-8   | Inhalation | LC50        | Rat     | 658 mg/l, 4 Hours        |
| Xylene  | 1330-20-7  | Dermal     | LD50        | Rabbit  | > 43 g/kg                |
| Xylene  | 1330-20-7  | Inhalation | LC50        | Mouse   | 3907 mg/l, 6 Hours       |
| Xylene  | 1330-20-7  | Inhalation | LC50        | Rat     | 6350 mg/l, 4 Hours       |
| Xylene  | 1330-20-7  | Oral       | LD50        | Mouse   | 1590 mg/kg               |

|  |            |  |      |        |                    |
|--|------------|--|------|--------|--------------------|
| Xylene   | 1330-20-7  | Oral   | LD50 | Rat    | 3523 - 8600 mg/kg  |
| Ethylbenzene   | 100-41-4   | Dermal   | LD50 | Rabbit | 17800 mg/kg        |
| Ethylbenzene   | 100-41-4   | Oral   | LD50 | Rat    | 3500 mg/kg         |
| Methyl Ethyl Ketone  | 78-93-3    | Dermal   | LD50 | Rabbit | > 8000 mg/kg       |
| Methyl Ethyl Ketone  | 78-93-3    | Inhalation   | LC50 | Mouse  | 11000 ppm, 45 Min. |
| Methyl Ethyl Ketone  | 78-93-3    | Inhalation   | LC50 | Rat    | 11700 ppm, 4 Hours |
| Methyl Ethyl Ketone  | 78-93-3    | Oral   | LD50 | Mouse  | 670 mg/kg          |
| Methyl Ethyl Ketone  | 78-93-3    | Oral   | LD50 | Rat    | 2300 - 3500 mg/kg  |
| Methyl N-Amyl Ketone   | 110-43-0   | Dermal   | LD50 | Rabbit | 12600 mg/kg        |
| Methyl N-Amyl Ketone   | 110-43-0   | Oral   | LD50 | Mouse  | 730 mg/kg          |
| Methyl N-Amyl Ketone   | 110-43-0   | Oral   | LD50 | Rat    | 1.67 g/kg          |
| Carbon Black   | 1333-86-4  | Oral   | LD50 | Rat    | > 8000 mg/kg       |
| Estimates for product may be based on additional component data not shown. |            |  |      |        |                    |
| <b>Skin Corrosion/Irritation</b>   |            | Causes skin irritation.  |      |        |                    |
| <b>Serious Eye Damage/Eye Irritation</b>                                   |            | Causes eye irritation.   |      |        |                    |
| <b>Respiratory Sensitization</b>   |            | Not a respiratory sensitizer.  |      |        |                    |
| <b>Skin Sensitization</b>  |            | This product is not expected to cause skin sensitization.  |      |        |                    |
| <b>Germ Cell Mutagenicity</b>  |            | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.   |      |        |                    |
| <b>Carcinogenicity</b>   |            | Suspected of causing cancer.   |      |        |                    |
| <b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>              |            |  |      |        |                    |
| <b>Component</b>   | <b>CAS</b> | <b>Comment</b>   |      |        |                    |
| Carbon Black   | 1333-86-4  | 2B Possibly carcinogenic to humans.  |      |        |                    |
| Ethylbenzene   | 100-41-4   | 2B Possibly carcinogenic to humans.  |      |        |                    |
| Mineral Spirits  | 8052-41-3  | 3 Not classifiable as to carcinogenicity to humans.  |      |        |                    |
| Xylene   | 1330-20-7  | 3 Not classifiable as to carcinogenicity to humans.  |      |        |                    |
| <b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>      |            |  |      |        |                    |
| Not Listed   |            |  |      |        |                    |
| <b>Reproductive Toxicity</b>   |            | Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. Suspected of damaging fertility or the unborn child. |      |        |                    |
| <b>Specific Target Organ Toxicity - Single Exposure</b>                    |            | Not classified.  |      |        |                    |
| <b>Specific Target Organ Toxicity - Repeated Exposure</b>                  |            | Causes damage to organs through prolonged or repeated exposure.  |      |        |                    |
| <b>Aspiration Hazard</b>   |            | Not an aspiration hazard.  |      |        |                    |
| <b>Chronic Effects</b>   |            | Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.                       |      |        |                    |



## Section 12 - Ecological Information


| <b>Ecotoxicity</b>                                       |   |        | Toxic to aquatic life with long lasting effects.           |                    |                                  |
|--|---|--------|--|--------------------|----------------------------------|
| Component  | CAS   | Method | Family   | Species            | Value                            |
| Heptane  | 142-82-5  | LC50   | Fish   | Mozambique tilapia | 375 mg/l,<br>96 hours.           |
| Xylene   | 1330-20-7   | LC50   | Fish   | Bluegill           | 7.711 - 9.591 mg/l,<br>96 hours. |
| Ethylbenzene   | 100-41-4  | EC50   | Crustacea  | Water flea         | 1.37 - 4.4 mg/l,<br>48 hours.    |
| Ethylbenzene   | 100-41-4  | LC50   | Fish   | Fathead minnow     | 7.5 - 11 mg/l,<br>96 hours.      |
| Methyl Ethyl Ketone                                      | 78-93-3   | EC50   | Crustacea  | Water flea         | 4025 - 6440 mg/l,<br>48 hours.   |
| Methyl Ethyl Ketone                                      | 78-93-3   | LC50   | Fish   | Sheepshead minnow  | > 400 mg/l,<br>96 hours          |
| Methyl N-Amyl Ketone                                     | 110-43-0  | LC50   | Fish   | Fathead minnow     | 126 - 137 mg/l,<br>96 hours.     |
| <b>Persistence and Degradability</b>                     |   |        | No data is available on the degradability of this product. |                    |                                  |
| <b>Bioaccumulative Potential</b>                         |   |        |  |                    |                                  |
| <b>Partition coefficient n-octanol / water (log Kow)</b> |   |        |  |                    |                                  |
| Component  | CAS   |        | Value  |                    |                                  |
| Propane  | 74-98-6   |        | 2.36   |                    |                                  |
| Heptane  | 142-82-5  |        | 4.66   |                    |                                  |
| N-Butane   | 106-97-8  |        | 2.89   |                    |                                  |
| Xylene   | 1330-20-7   |        | 3.12 - 3.20  |                    |                                  |
| Ethylbenzene   | 100-41-4  |        | 3.15   |                    |                                  |
| Methyl Ethyl Ketone                                      | 78-93-3   |        | 0.29   |                    |                                  |
| Methyl N-Amyl Ketone                                     | 110-43-0  |        | 1.98   |                    |                                  |
| Mineral Spirits  | 8052-41-3   |        | 3.16 - 7.15  |                    |                                  |
| <b>Mobility in Soil</b>                                  | No data available.  |        |  |                    |                                  |
| <b>Other Adverse Effects</b>                             | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |        |  |                    |                                  |



## Section 13 - Disposal Considerations

|                              |   |
|------------------------------|---|
| <b>Disposal Instructions</b> | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. |
|------------------------------|---|

|  |  |
|--|--|
| <b>Local Disposal Regulations</b>            | Dispose in accordance with all applicable regulations.   |
| <b>Hazardous Waste Code</b>                  | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.   |
| <b>Waste From Residues / Unused Products</b> | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).                           |
| <b>Contaminated Packaging</b>                | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers. |

### Section 14 - Transport Information

| DOT                                 |   |
|-------------------------------------|---|
| <b>UN Number</b>                    | UN1950  |
| <b>UN Proper Shipping Name</b>      | Aerosols, Flammable   |
| <b>Transport Hazard Class(Es)</b>   |   |
| Class                               | 2.1   |
| Subsidiary Risk                     | -   |
| Label(S)                            | 2.1   |
| <b>Packing Group</b>                | Not applicable.   |
| <b>Special Precautions For User</b> | Read safety instructions, SDS and emergency procedures before handling.             |
| <b>Special Provisions</b>           | N82   |
| <b>Packaging Exceptions</b>         | 306   |
| <b>Packaging Non Bulk</b>           | None  |
| <b>Packaging Bulk</b>               | None  |
| <b>DOT Label</b>                    |  |
| IATA                                |   |
| <b>UN Number</b>                    | UN1950  |
| <b>UN Proper Shipping Name</b>      | Aerosols, Flammable   |
| <b>Transport Hazard Class(Es)</b>   |   |
| Class                               | 2.1   |
| Subsidiary Risk                     | -   |
| Label(S)                            | 2.1   |
| <b>Packing Group</b>                | Not applicable.   |
| <b>Environmental Hazards</b>        | No  |
| <b>Special Precautions For User</b> | Read safety instructions, SDS and emergency procedures before                       |

|   |   |
|---|---|
|   | handling.   |
| <b>Other Information</b>  |   |
| <b>Passenger / Cargo Aircraft</b>   | Allowed   |
| <b>Cargo Aircraft Only</b>  | Allowed   |
| <b>IATA Label</b>   |    |
| <b>IMDG</b>   |   |
| <b>UN Number</b>  | UN1950  |
| <b>UN Proper Shipping Name</b>  | Aerosols, Flammable   |
| <b>Transport Hazard Class(Es)</b>   |   |
| <b>Class</b>  | 2.1   |
| <b>Subsidiary Risk</b>  | -   |
| <b>Label(S)</b>   | 2.1   |
| <b>Packing Group</b>  | Not applicable.   |
| <b>Environmental Hazards</b>  |   |
| <b>Marine Pollutant</b>   | No  |
| <b>EmS</b>  | Not Available   |
| <b>Special Precautions For User</b>   | Read safety instructions, SDS and emergency procedures before handling.             |
| <b>IMDG Label</b>   |  |
| <b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> | Not established.  |

### Section 15 - Regulatory Information

|  |                           |               |
|--|---------------------------|---------------|
| <b>U.S. Federal Regulations</b>  |                           |               |
| This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. |                           |               |
| <b>U.S. EPA TSCA Inventory List</b>  | All components are listed |               |
| <b>TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)</b>   | Not regulated.            |               |
| <b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>  | Not listed.               |               |
| <b>Safe Drinking Water Act (SDWA)</b>  | Not regulated.            |               |
| <b>SARA 304 Emergency Release Notification</b>   | Not regulated.            |               |
| <b>SARA 302 Extremely Hazardous Substance</b>  | Not listed.               |               |
| <b>Sara 311/312 Hazardous Chemicals</b>  | No                        |               |
| <b>CERCLA Hazardous Substance List (40 CFR 302.4)</b>  |                           |               |
| <b>Component</b>   | <b>CAS</b>                | <b>Status</b> |

|   |               |                             |
|---|---------------|-----------------------------|
| Ethylbenzene  | 100-41-4      | Listed                      |
| Heptane   | 142-82-5      | Listed                      |
| Methyl Ethyl Ketone   | 78-93-3       | Listed                      |
| N-Butane  | 106-97-8      | Listed                      |
| Propane   | 74-98-6       | Listed                      |
| Xylene  | 1330-20-7     | Listed                      |
| <b>Superfund Amendments and Reauthorization Act of 1986 (SARA)</b>  |               |                             |
| <b>Hazard categories</b>  | <b>Status</b> |                             |
| Immediate Hazard  | Yes           |                             |
| Delayed Hazard  | Yes           |                             |
| Fire Hazard   | Yes           |                             |
| Pressure Hazard   | No            |                             |
| Reactivity Hazard   | No            |                             |
| <b>SARA 313 (TRI reporting)</b>   |               |                             |
| <b>Component</b>  | <b>CAS</b>    | <b>% by Weight</b>          |
| Xylene  | 1330-20-7     | 5 to <10                    |
| Ethylbenzene  | 100-41-4      | 1 to <5                     |
| <b>Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List</b>   |               |                             |
| <b>Component</b>  | <b>CAS</b>    |                             |
| Xylene  | 1330-20-7     |                             |
| Ethylbenzene  | 100-41-4      |                             |
| <b>Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)</b>   |               |                             |
| <b>Component</b>  | <b>CAS</b>    |                             |
| N-Butane  | 106-97-8      |                             |
| Propane   | 74-98-6       |                             |
| <b>Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) &amp; 1310.04(f)(2))</b>                 |               |                             |
| <b>Component</b>  | <b>CAS</b>    | <b>Chemical Code Number</b> |
| Methyl Ethyl Ketone   | 78-93-3       | 6714                        |
| <b>Drug Enforcement Administration (DEA). List 1 &amp; 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))</b>                         |               |                             |
| <b>Component</b>  | <b>CAS</b>    | <b>% by Weight</b>          |
| Methyl Ethyl Ketone   | 78-93-3       | 35%                         |
| <b>DEA Exempt Chemical Mixtures Code Number</b>   |               |                             |
| <b>Component</b>  | <b>CAS</b>    | <b>Chemical Code Number</b> |
| Methyl Ethyl Ketone   | 78-93-3       | 6714                        |
| <b>U.S. State Regulations</b>   |               |                             |
| <b>US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)</b>           | Not listed.   |                             |
| <b>US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd.(a))</b> |               |                             |

| Component   | CAS        |
|---|------------|
| Aliphatic Petroleum Distillates                         | 64742-89-8 |
| Carbon Black  | 1333-86-4  |
| Ethylbenzene  | 100-41-4   |
| Methyl Ethyl Ketone                                     | 78-93-3    |
| Mineral Spirits   | 8052-41-3  |
| N-Butane  | 106-97-8   |
| Xylene  | 1330-20-7  |
| US. Massachusetts RTK - Substance List                  |            |
| Component   | CAS        |
| Propane   | 74-98-6    |
| Heptane   | 142-82-5   |
| N-Butane  | 106-97-8   |
| Xylene  | 1330-20-7  |
| Ethylbenzene  | 100-41-4   |
| Methyl Ethyl Ketone                                     | 78-93-3    |
| Methyl N-Amyl Ketone                                    | 110-43-0   |
| Mineral Spirits   | 8052-41-3  |
| Carbon Black  | 1333-86-4  |
| US. New Jersey Worker and Community Right-to-Know Act   |            |
| Component   | CAS        |
| Propane   | 74-98-6    |
| Heptane   | 142-82-5   |
| N-Butane  | 106-97-8   |
| Xylene  | 1330-20-7  |
| Ethylbenzene  | 100-41-4   |
| Methyl Ethyl Ketone                                     | 78-93-3    |
| Methyl N-Amyl Ketone                                    | 110-43-0   |
| Carbon Black  | 1333-86-4  |
| US. Pennsylvania Worker and Community Right-to-Know Law |            |
| Component   | CAS        |
| Propane   | 74-98-6    |
| Heptane   | 142-82-5   |
| N-Butane  | 106-97-8   |
| Xylene  | 1330-20-7  |
| Ethylbenzene  | 100-41-4   |
| Methyl Ethyl Ketone                                     | 78-93-3    |
| Methyl N-Amyl Ketone                                    | 110-43-0   |
| Mineral Spirits   | 8052-41-3  |
| Carbon Black  | 1333-86-4  |
| US. Rhode Island RTK                                    |            |
| Component   | CAS        |

|                     |           |
|---------------------|-----------|
| Propane             | 74-98-6   |
| N-Butane            | 106-97-8  |
| Xylene              | 1330-20-7 |
| Ethylbenzene        | 100-41-4  |
| Methyl Ethyl Ketone | 78-93-3   |

**US. California Proposition 65**

**WARNING: This product contains a chemical known to the State of California to cause cancer.**

**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance**

| Component    | CAS       | List Date         |
|--------------|-----------|-------------------|
| Carbon Black | 1333-86-4 | February 21, 2003 |
| Ethylbenzene | 100-41-4  | June 11, 2004     |

**International Inventories**

| Country     | Inventory Name   | Listed * |
|-------------|--|----------|
| Australia   | Australian Inventory of Chemical Substances (AICS)                     | No       |
| Canada      | Domestic Substances List (DSL)   | Yes      |
| Canada      | Non-Domestic Substances List (NDSL)                                    | No       |
| China       | Inventory of Existing Chemical Substances in China (IECSC)             | No       |
| Europe      | European Inventory of Existing Commercial Chemical Substances (EINECS) | No       |
| Europe      | European List of Notified Chemical Substances (ELINCS)                 | No       |
| Japan       | Inventory of Existing and New Chemical Substances (ENCS)               | No       |
| Korea       | Existing Chemicals List (ECL)  | No       |
| New Zealand | New Zealand Inventory  | No       |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | No       |
| Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes      |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**Section 16 - Other Information**

|   |  |    |
|---|--|----|
| <b>Last Revision Date:</b>                | <b>09-10-2015</b>  |    |
| <b>Preparation Date:</b>                  | <b>12-01-2015</b>  |    |
| <b>Version #</b>                          | <b>04</b>  |    |
| <b>HMIS® Ratings</b>                      | Health   | 2* |
|   | Flammability   | 4  |
|   | Physical Hazard  | 0  |
| <b>NFPA Ratings</b>                       | Health   | 2  |
|   | Flammability   | 4  |
|   | Instability  | 0  |
| <b>Disclaimer/Statement of Liability:</b> | The information in the sheet was written based on the best knowledge and experience currently available. THE INFORMATION CONTAINED HEREIN IS BASED ON DATA |    |

|  |   |
|--|---|
|  | <p>BELIEVED TO BE RELIABLE AND THE MANUFACTURER DISCLAIMS ANY LIABILITY INCURRED FROM THE USE OR RELIANCE UPON THE SAME. THE INFORMATION GIVEN IS DESIGNED ONLY AS A GUIDANCE FOR SAFE HANDLING, USE, PROCESSING, STORAGE, TRANSPORTATION, DISPOSAL AND RELEASE AND IS NOT TO BE CONSIDERED A WARRANTY OR QUALITY SPECIFICATION. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. This safety information is not a license to use this material as claimed by any patents of third parties. The user alone must finally determine whether a contemplated use of this material will infringe any such patents, and for obtaining any required licenses.</p> |
|--|---|

| Key to abbreviations |  |                 |   |
|----------------------|--|-----------------|---|
| <b>ACGIH</b>         | American Conference of Governmental Industrial Hygiene   | <b>TWA</b>      | Time-Weighted Averages are based on 8h/day, 40h/week exposures        |
| <b>NIOSH</b>         | National Institute of Occupational Safety and Health   | <b>STEL</b>     | Short Term Exposure Limits are based on 15-minute exposures           |
| <b>OSHA</b>          | Occupational Safety and Health Administration  | <b>STEV</b>     | Short Term Exposure Value   |
| <b>MSHA</b>          | Mine Safety and Health Administration  | <b>TWAEV</b>    | Time Weighted Average Exposure Values                                 |
| <b>MARPOL 73/78</b>  | International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto, as amended. | <b>IBC Code</b> | International Bulk Chemical Code                                      |
| <b>IMDG</b>          | International Maritime Dangerous Goods   | <b>CEPA</b>     | <i>Canadian Environmental Protection Act</i>                          |
| <b>WHMIS</b>         | Workplace Hazardous Materials Information System   | <b>CERCLA</b>   | Comprehensive Environmental Response, Compensation, and Liability Act |
| <b>SARA</b>          | Superfund Amendments and Reauthorization Act   | <b>TPQs</b>     | Threshold Planning Quantities   |
| <b>EPCRA RQ</b>      | Emergency Planning & Community Right-to-Know Act Reportable Quantities   | <b>PBT</b>      | Persistent Bioaccumulative Toxic                                      |
| <b>N/A</b>           | Not Applicable   | <b>NDA</b>      | Not Data Available  |