

# SAFETY DATA SHEET

## 1. Identification

|   |  |                |
|---|--|----------------|
| <b>Product identifier</b>                                     | <b>L124 FLAT BLACK LACQUER,340G,6PK</b>            |                |
| <b>Other means of identification</b>                          |  |                |
| <b>Product code</b>   | 1000022879   |                |
| <b>Recommended use</b>  | Coating  |                |
| <b>Recommended restrictions</b>                               | None known.  |                |
| <b>Manufacturer/Importer/Supplier/Distributor information</b> |  |                |
| <b>Manufacturer</b>   |  |                |
| <b>Company name</b>   | J2 PRODUCTS  |                |
| <b>Address</b>  | 6A BRADWICK DRIVE<br>CONCORD, ON L4K 2T4<br>Canada |                |
| <b>Telephone</b>  | General Assistance                                 | 888-880-0025   |
| <b>E-mail</b>   | Not available.                                     |                |
| <b>Emergency phone number</b>                                 | Emergency - US                                     | 1-866-836-8855 |
|   | Emergency - Outside US                             | 1-952-852-4646 |
| <b>Supplier</b>   | Not available.                                     |                |

## 2. Hazard(s) identification

|                         |   |                             |
|-------------------------|---|-----------------------------|
| <b>Physical hazards</b> | Flammable aerosols                                | Category 2                  |
| <b>Health hazards</b>   | Serious eye damage/eye irritation                 | Category 2A                 |
|                         | Reproductive toxicity (the unborn child)          | Category 2                  |
|                         | Specific target organ toxicity, single exposure   | Category 3 narcotic effects |
|                         | Specific target organ toxicity, repeated exposure | Category 2                  |

### Label elements



|                                |  |
|--------------------------------|--|
| <b>Signal word</b>             | Warning  |
| <b>Hazard statement</b>        | Flammable aerosol. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure.  |
| <b>Precautionary statement</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, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. |
| <b>Response</b>                | IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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. Call a POISON CENTER/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention.   |
| <b>Storage</b>                 | Store in a well-ventilated place. Keep container tightly closed. Store locked up. 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>Environmental hazards</b>   | Hazardous to the aquatic environment, acute hazard Category 3  |

Hazardous to the aquatic environment,  
long-term hazard

Category 3

**Other hazards**

None known.

**Supplemental information**

None.

### 3. Composition/information on ingredients

**Mixtures**

| Chemical name                                | Common name and synonyms | CAS number  | %       |
|--|--------------------------|-------------|---------|
| Acetone                                      |                          | 67-64-1     | 43.36   |
| Propane                                      |                          | 74-98-6     | 13.78   |
| Toluene                                      |                          | 108-88-3    | 7.628   |
| Isobutane                                    |                          | 75-28-5     | 6.22    |
| Propylene Glycol Monomethyl Ether<br>Acetate |                          | 108-65-6    | 5.694   |
| Methyl Ethyl Ketone                          |                          | 78-93-3     | 4       |
| Methyl Isobutyl Ketone                       |                          | 108-10-1    | 3.194   |
| Isopropyl Alcohol                            |                          | 67-63-0     | 2.4     |
| Xylene                                       |                          | 1330-20-7   | 2.043   |
| Synthetic Amorphous Silica                   |                          | 112945-52-5 | 1.104   |
| Carbon Black                                 |                          | 1333-86-4   | 0.435   |
| Other components below reportable levels     |                          |             | 10.1421 |

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4. First-aid measures

**Inhalation**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

**Skin contact**

Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye contact**

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion**

In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.

**Most important symptoms/effects, acute and delayed**

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Prolonged exposure may cause chronic effects.

**Indication of immediate medical attention and special treatment needed**

Provide general supportive measures and treat symptomatically. 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.

### 5. Fire-fighting measures

**Suitable extinguishing media**

Alcohol resistant foam. Powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media**

Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical**

Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**Fire fighting equipment/instructions**

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.

**Specific methods**

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes.

**General fire hazards**

Flammable aerosol.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe gas. 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.

### Methods and materials for containment and cleaning up

Refer to attached safety data sheets and/or instructions for use. 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. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent product from entering drains. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: 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.

### Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

### Precautions for safe handling

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. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not 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. Do not re-use empty containers. Do not breathe gas. Avoid contact with eyes. 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. Avoid release to the environment. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Level 3 Aerosol.

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. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. ACGIH Threshold Limit Values

| Components                            | Type | Value    | Form                |
|---------------------------------------|------|----------|---------------------|
| Acetone (CAS 67-64-1)                 | STEL | 500 ppm  |                     |
|                                       | TWA  | 250 ppm  |                     |
| Carbon Black (CAS 1333-86-4)          | TWA  | 3 mg/m3  | Inhalable fraction. |
| Isobutane (CAS 75-28-5)               | STEL | 1000 ppm |                     |
| Isopropyl Alcohol (CAS 67-63-0)       | STEL | 400 ppm  |                     |
|                                       | TWA  | 200 ppm  |                     |
| Methyl Ethyl Ketone (CAS 78-93-3)     | STEL | 300 ppm  |                     |
|                                       | TWA  | 200 ppm  |                     |
| Methyl Isobutyl Ketone (CAS 108-10-1) | STEL | 75 ppm   |                     |
|                                       | TWA  | 20 ppm   |                     |
| Toluene (CAS 108-88-3)                | TWA  | 20 ppm   |                     |
| Xylene (CAS 1330-20-7)                | STEL | 150 ppm  |                     |
|                                       | TWA  | 100 ppm  |                     |

#### Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

| Components            | Type | Value      |
|-----------------------|------|------------|
| Acetone (CAS 67-64-1) | STEL | 1800 mg/m3 |

**Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)**

| Components                            | Type | Value      |
|---------------------------------------|------|------------|
| Carbon Black (CAS 1333-86-4)          |      | 750 ppm    |
|                                       | TWA  | 1200 mg/m3 |
|                                       |      | 500 ppm    |
|                                       | TWA  | 3.5 mg/m3  |
| Isopropyl Alcohol (CAS 67-63-0)       | STEL | 984 mg/m3  |
| Methyl Ethyl Ketone (CAS 78-93-3)     |      | 400 ppm    |
|                                       | TWA  | 492 mg/m3  |
|                                       |      | 200 ppm    |
|                                       | STEL | 885 mg/m3  |
| Methyl Isobutyl Ketone (CAS 108-10-1) |      | 300 ppm    |
|                                       | TWA  | 590 mg/m3  |
|                                       |      | 200 ppm    |
|                                       | STEL | 307 mg/m3  |
| Propane (CAS 74-98-6)                 | TWA  | 75 ppm     |
|                                       |      | 205 mg/m3  |
| Toluene (CAS 108-88-3)                | TWA  | 50 ppm     |
|                                       |      | 1000 ppm   |
| Xylene (CAS 1330-20-7)                | TWA  | 188 mg/m3  |
|                                       |      | 50 ppm     |
|                                       | STEL | 651 mg/m3  |
|                                       | TWA  | 150 ppm    |
|                                       |      | 434 mg/m3  |
|                                       |      | 100 ppm    |

**Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)**

| Components   | Type | Value   | Form      |
|--|------|---------|-----------|
| Acetone (CAS 67-64-1)                                    | STEL | 500 ppm |           |
| Carbon Black (CAS 1333-86-4)                             | TWA  | 250 ppm | Inhalable |
|  | TWA  | 3 mg/m3 |           |
| Isopropyl Alcohol (CAS 67-63-0)                          | STEL | 400 ppm |           |
| Methyl Ethyl Ketone (CAS 78-93-3)                        | TWA  | 200 ppm |           |
|  | STEL | 100 ppm |           |
| Methyl Isobutyl Ketone (CAS 108-10-1)                    | TWA  | 50 ppm  |           |
|  | STEL | 75 ppm  |           |
| Propylene Glycol Monomethyl Ether Acetate (CAS 108-65-6) | TWA  | 20 ppm  |           |
|  | STEL | 75 ppm  |           |
| Toluene (CAS 108-88-3)                                   | TWA  | 50 ppm  |           |
|  | TWA  | 20 ppm  |           |
| Xylene (CAS 1330-20-7)                                   | STEL | 150 ppm |           |
|  | TWA  | 100 ppm |           |

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)**

| Components                      | Type | Value    | Form                |
|---------------------------------|------|----------|---------------------|
| Acetone (CAS 67-64-1)           | STEL | 500 ppm  |                     |
| Carbon Black (CAS 1333-86-4)    | TWA  | 250 ppm  | Inhalable fraction. |
|                                 | TWA  | 3 mg/m3  |                     |
| Isobutane (CAS 75-28-5)         | STEL | 1000 ppm |                     |
| Isopropyl Alcohol (CAS 67-63-0) | STEL | 400 ppm  |                     |

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)**

| Components                            | Type | Value   | Form |
|---------------------------------------|------|---------|------|
| Methyl Ethyl Ketone (CAS 78-93-3)     | TWA  | 200 ppm |      |
|                                       | STEL | 300 ppm |      |
| Methyl Isobutyl Ketone (CAS 108-10-1) | TWA  | 200 ppm |      |
|                                       | STEL | 75 ppm  |      |
| Toluene (CAS 108-88-3)                | TWA  | 20 ppm  |      |
|                                       | TWA  | 20 ppm  |      |
| Xylene (CAS 1330-20-7)                | STEL | 150 ppm |      |
|                                       | TWA  | 100 ppm |      |

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)**

| Components   | Type | Value     |
|--|------|-----------|
| Acetone (CAS 67-64-1)                                    | STEL | 750 ppm   |
|  | TWA  | 500 ppm   |
| Carbon Black (CAS 1333-86-4)                             | TWA  | 3.5 mg/m3 |
| Isobutane (CAS 75-28-5)                                  | TWA  | 800 ppm   |
| Isopropyl Alcohol (CAS 67-63-0)                          | STEL | 400 ppm   |
|  | TWA  | 200 ppm   |
| Methyl Ethyl Ketone (CAS 78-93-3)                        | STEL | 300 ppm   |
|  | TWA  | 200 ppm   |
| Methyl Isobutyl Ketone (CAS 108-10-1)                    | STEL | 75 ppm    |
|  | TWA  | 50 ppm    |
| Propylene Glycol Monomethyl Ether Acetate (CAS 108-65-6) | TWA  | 270 mg/m3 |
|  | TWA  | 50 ppm    |
| Toluene (CAS 108-88-3)                                   | TWA  | 20 ppm    |
| Xylene (CAS 1330-20-7)                                   | STEL | 150 ppm   |
|  | TWA  | 100 ppm   |

**Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)**

| Components                            | Type | Value      |
|---------------------------------------|------|------------|
| Acetone (CAS 67-64-1)                 | STEL | 2380 mg/m3 |
|                                       |      | 1000 ppm   |
|                                       | TWA  | 1190 mg/m3 |
| Carbon Black (CAS 1333-86-4)          |      | 500 ppm    |
|                                       | TWA  | 3.5 mg/m3  |
|                                       | STEL | 1230 mg/m3 |
| Isopropyl Alcohol (CAS 67-63-0)       |      | 500 ppm    |
|                                       | TWA  | 983 mg/m3  |
|                                       | STEL | 400 ppm    |
| Methyl Ethyl Ketone (CAS 78-93-3)     | STEL | 300 mg/m3  |
|                                       |      | 100 ppm    |
|                                       | TWA  | 150 mg/m3  |
| Methyl Isobutyl Ketone (CAS 108-10-1) |      | 50 ppm     |
|                                       | STEL | 307 mg/m3  |
|                                       | TWA  | 75 ppm     |
| Propane (CAS 74-98-6)                 |      | 205 mg/m3  |
|                                       | TWA  | 50 ppm     |
|                                       | STEL | 1800 mg/m3 |
| Toluene (CAS 108-88-3)                |      | 1000 ppm   |
|                                       | TWA  | 188 mg/m3  |
|                                       | STEL |            |

**Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)**

| Components             | Type | Value     |
|------------------------|------|-----------|
| Xylene (CAS 1330-20-7) | STEL | 50 ppm    |
|                        |      | 651 mg/m3 |
|                        | TWA  | 150 ppm   |
|                        |      | 434 mg/m3 |
|                        |      | 100 ppm   |

**Biological limit values**

**ACGIH Biological Exposure Indices**

| Components                            | Value     | Determinant               | Specimen            | Sampling Time |
|---------------------------------------|-----------|---------------------------|---------------------|---------------|
| Acetone (CAS 67-64-1)                 | 25 mg/l   | Acetone                   | Urine               | *             |
| Isopropyl Alcohol (CAS 67-63-0)       | 40 mg/l   | Acetone                   | Urine               | *             |
| Methyl Ethyl Ketone (CAS 78-93-3)     | 2 mg/l    | MEK                       | Urine               | *             |
| Methyl Isobutyl Ketone (CAS 108-10-1) | 1 mg/l    | Methyl isobutyl ketone    | Urine               | *             |
| Toluene (CAS 108-88-3)                | 0.3 mg/g  | o-Cresol, with hydrolysis | Creatinine in urine | *             |
|                                       | 0.03 mg/l | Toluene                   | Urine               | *             |
|                                       | 0.02 mg/l | Toluene                   | Blood               | *             |
| Xylene (CAS 1330-20-7)                | 1.5 g/g   | Methylhippuric acids      | Creatinine in urine | *             |

\* - For sampling details, please see the source document.

**Exposure guidelines**

**Canada - Alberta OELs: Skin designation**

Toluene (CAS 108-88-3) Can be absorbed through the skin.

**Canada - Quebec OELs: Skin designation**

Toluene (CAS 108-88-3) Can be absorbed through the skin.

**Canada - Saskatchewan OELs: Skin designation**

Toluene (CAS 108-88-3) Can be absorbed through the skin.

**Appropriate engineering controls**

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. Provide eyewash station.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin protection**

**Hand protection** Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

**Other** Wear suitable protective clothing. Use of an impervious apron is recommended.

**Respiratory protection** If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

Observe any medical surveillance requirements. When using do not smoke. 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.

**9. Physical and chemical properties**

**Appearance**

**Physical state** Gas.

**Form** Aerosol.

**Color** Not available.

**Odor** Not available.

**Odor threshold** Not available.

|   |  |
|---|--|
| <b>pH</b>   | Not available.                             |
| <b>Melting point/freezing point</b>                 | Not available.                             |
| <b>Initial boiling point and boiling range</b>      | 152.51 °F (66.95 °C) estimated             |
| <b>Flash point</b>                                  | -155.2 °F (-104.0 °C) Propellant estimated |
| <b>Evaporation rate</b>                             | Not available.                             |
| <b>Flammability (solid, gas)</b>                    | Not available.                             |
| <b>Upper/lower flammability or explosive limits</b> |  |
| <b>Flammability limit - lower (%)</b>               | 1.4 % estimated                            |
| <b>Flammability limit - upper (%)</b>               | 8 % estimated                              |
| <b>Explosive limit - lower (%)</b>                  | Not available.                             |
| <b>Explosive limit - upper (%)</b>                  | Not available.                             |
| <b>Vapor pressure</b>                               | Not available.                             |
| <b>Vapor density</b>                                | Not available.                             |
| <b>Relative density</b>                             | Not available.                             |
| <b>Solubility(ies)</b>                              |  |
| <b>Solubility (water)</b>                           | Not available.                             |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.                             |
| <b>Auto-ignition temperature</b>                    | 771.2 °F (410.67 °C) estimated             |
| <b>Decomposition temperature</b>                    | Not available.                             |
| <b>Viscosity</b>                                    | Not available.                             |
| <b>Other information</b>                            |  |
| <b>Explosive properties</b>                         | Not explosive.                             |
| <b>Heat of combustion (NFPA 30B)</b>                | 30.79 kJ/g estimated                       |
| <b>Oxidizing properties</b>                         | Not oxidizing.                             |
| <b>Specific gravity</b>                             | 0.657 estimated                            |

## 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>                | Avoid temperatures exceeding the flash point. Contact with incompatible materials.            |
| <b>Incompatible materials</b>             | Strong acids. Acids. Strong oxidizing agents. Nitrates. Halogens. Fluorine. Chlorine.         |
| <b>Hazardous decomposition products</b>   | No hazardous decomposition products are known.  |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting. |
| <b>Skin contact</b> | No adverse effects due to skin contact are expected.   |
| <b>Eye contact</b>  | Causes serious eye irritation.   |
| <b>Ingestion</b>    | Expected to be a low ingestion hazard.   |

**Symptoms related to the physical, chemical and toxicological characteristics** May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

### Information on toxicological effects

**Acute toxicity** Narcotic effects.

| Components                            | Species    | Test Results   |
|---------------------------------------|------------|--|
| Acetone (CAS 67-64-1)                 |            |  |
| <b><u>Acute</u></b>                   |            |  |
| <b>Dermal</b>                         |            |  |
| LD50                                  | Guinea pig | > 7426 mg/kg, 24 Hours<br>> 9.4 ml/kg, 24 Hours      |
|                                       | Rabbit     | > 7426 mg/kg, 24 Hours<br>> 9.4 ml/kg, 24 Hours      |
| <b>Inhalation</b>                     |            |  |
| LC50                                  | Rat        | 55700 ppm, 3 Hours<br>132 mg/l, 3 Hours<br>50.1 mg/l |
| <b>Oral</b>                           |            |  |
| LD50                                  | Rat        | 5800 mg/kg<br>2.2 ml/kg                              |
| Carbon Black (CAS 1333-86-4)          |            |  |
| <b><u>Acute</u></b>                   |            |  |
| <b>Oral</b>                           |            |  |
| LD50                                  | Rat        | > 10000 mg/kg  |
| Isobutane (CAS 75-28-5)               |            |  |
| <b><u>Acute</u></b>                   |            |  |
| <b>Inhalation</b>                     |            |  |
| LC50                                  | Mouse      | 1237 mg/l, 120 Minutes<br>52 %, 120 Minutes          |
|                                       | Rat        | 1355 mg/l  |
| Isopropyl Alcohol (CAS 67-63-0)       |            |  |
| <b><u>Acute</u></b>                   |            |  |
| <b>Dermal</b>                         |            |  |
| LD50                                  | Rabbit     | 16.4 ml/kg, 24 Hours                                 |
| <b>Inhalation</b>                     |            |  |
| LC50                                  | Rat        | > 10000 ppm, 6 Hours                                 |
| <b>Oral</b>                           |            |  |
| LD50                                  | Rat        | 5.84 g/kg  |
| Methyl Ethyl Ketone (CAS 78-93-3)     |            |  |
| <b><u>Acute</u></b>                   |            |  |
| <b>Dermal</b>                         |            |  |
| LD50                                  | Rabbit     | > 10 ml/kg, 24 Hours                                 |
| <b>Oral</b>                           |            |  |
| LD50                                  | Rat        | 2054 mg/kg   |
| Methyl Isobutyl Ketone (CAS 108-10-1) |            |  |
| <b><u>Acute</u></b>                   |            |  |
| <b>Inhalation</b>                     |            |  |
| LC50                                  | Rat        | 2000 - 4000 ppm, 4 Hours                             |
| <b>Oral</b>                           |            |  |
| LD50                                  | Rat        | 2.08 g/kg  |
| Propane (CAS 74-98-6)                 |            |  |
| <b><u>Acute</u></b>                   |            |  |
| <b>Inhalation</b>                     |            |  |
| LC50                                  | Mouse      | 1237 mg/l, 120 Minutes<br>52 %, 120 Minutes          |



| Components   | Species | Test Results                                   |
|--|---------|--|
|  | Rat     | 1355 mg/l<br>658 mg/l/4h                       |
| Propylene Glycol Monomethyl Ether Acetate (CAS 108-65-6) |         |  |
| <b>Acute</b>   |         |  |
| <b>Dermal</b>  |         |  |
| LD50   | Rat     | > 2000 mg/kg, 24 Hours                         |
| <b>Oral</b>  |         |  |
| LD50   | Rat     | > 5000 mg/kg<br>> 14.1 ml                      |
| Synthetic Amorphous Silica (CAS 112945-52-5)             |         |  |
| <b>Acute</b>   |         |  |
| <b>Dermal</b>  |         |  |
| LD50   | Rabbit  | 2000 mg/kg                                     |
| <b>Oral</b>  |         |  |
| LD50   | Rat     | 5000 mg/kg                                     |
| Toluene (CAS 108-88-3)                                   |         |  |
| <b>Acute</b>   |         |  |
| <b>Dermal</b>  |         |  |
| LD50   | Rabbit  | > 5000 mg/kg, 24 Hours                         |
| <b>Inhalation</b>  |         |  |
| LC50   | Mouse   | 6405 - 7436 ppm, 6 Hours<br>5320 ppm, 8 Hours  |
|  | Rat     | 5879 - 6281 ppm, 6 Hours<br>25.7 mg/l, 4 Hours |
| <b>Oral</b>  |         |  |
| LD50   | Rat     | > 5000 mg/kg                                   |
| Xylene (CAS 1330-20-7)                                   |         |  |
| <b>Acute</b>   |         |  |
| <b>Dermal</b>  |         |  |
| LD50   | Rabbit  | > 5000 ml/kg, 4 Hours<br>12126 mg/kg, 24 Hours |
| <b>Inhalation</b>  |         |  |
| LC50   | Rat     | 5922 ppm, 4 Hours                              |
| <b>Oral</b>  |         |  |
| LD50   | Mouse   | 5251 mg/kg                                     |
|  | Rat     | 3523 mg/kg<br>10 ml/kg                         |

\* Estimates for product may be based on additional component data not shown.

|  |  |
|--|--|
| <b>Skin corrosion/irritation</b>         | Prolonged skin contact may cause temporary irritation.   |
| <b>Serious eye damage/eye irritation</b> | Causes serious eye irritation.   |
| <b>Respiratory or skin sensitization</b> |  |
| <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>                   | Risk of cancer cannot be excluded with prolonged exposure.   |
| <b>ACGIH Carcinogens</b>                 |  |
| Acetone (CAS 67-64-1)                    | A4 Not classifiable as a human carcinogen.   |

Carbon Black (CAS 1333-86-4)  
 Isopropyl Alcohol (CAS 67-63-0)  
 Methyl Isobutyl Ketone (CAS 108-10-1)

A3 Confirmed animal carcinogen with unknown relevance to humans.  
 A4 Not classifiable as a human carcinogen.  
 A3 Confirmed animal carcinogen with unknown relevance to humans.  
 A4 Not classifiable as a human carcinogen.  
 A4 Not classifiable as a human carcinogen.

Toluene (CAS 108-88-3)  
 Xylene (CAS 1330-20-7)

**Canada - Manitoba OELs: carcinogenicity**

2-PROPANOL (CAS 67-63-0)  
 ACETONE (CAS 67-64-1)  
 CARBON BLACK, INHALABLE FRACTION (CAS 1333-86-4)  
 METHYL ISOBUTYL KETONE (CAS 108-10-1)  
 TOLUENE (CAS 108-88-3)  
 XYLENE (O, M AND P ISOMERS) (CAS 1330-20-7)

Not classifiable as a human carcinogen.  
 Not classifiable as a human carcinogen.  
 Confirmed animal carcinogen with unknown relevance to humans.  
 Confirmed animal carcinogen with unknown relevance to humans.  
 Not classifiable as a human carcinogen.  
 Not classifiable as a human carcinogen.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Carbon Black (CAS 1333-86-4)  
 Methyl Isobutyl Ketone (CAS 108-10-1)  
 Toluene (CAS 108-88-3)  
 Xylene (CAS 1330-20-7)

2B Possibly carcinogenic to humans.  
 2B Possibly carcinogenic to humans.  
 3 Not classifiable as to carcinogenicity to humans.  
 3 Not classifiable as to carcinogenicity to humans.

**Reproductive toxicity** Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. Suspected of damaging the unborn child.

**Specific target organ toxicity - single exposure** May cause drowsiness and dizziness.

**Specific target organ toxicity - repeated exposure** May cause damage to organs through prolonged or repeated exposure.

**Aspiration hazard** Not likely, due to the form of the product.

**Chronic effects** May cause damage to organs through prolonged or repeated exposure. Prolonged exposure may cause chronic effects.

**12. Ecological information**

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

| Components  | Species | Test Results   |
|---|---------|--|
| <b>Acetone (CAS 67-64-1)</b>                                    |         |  |
| <b>Aquatic</b>  |         |  |
| Crustacea   | EC50    | Water flea (Daphnia magna) 21.6 - 23.9 mg/l, 48 hours                          |
| Fish  | LC50    | Rainbow trout,donaldson trout (Oncorhynchus mykiss) 4740 - 6330 mg/l, 96 hours |
| <b>Isopropyl Alcohol (CAS 67-63-0)</b>                          |         |  |
| <b>Aquatic</b>  |         |  |
| Algae   | IC50    | Algae 1000.0001 mg/L, 72 Hours   |
| Crustacea   | EC50    | Daphnia 13299 mg/L, 48 Hours   |
| Fish  | LC50    | Bluegill (Lepomis macrochirus) > 1400 mg/l, 96 hours                           |
| <b>Methyl Ethyl Ketone (CAS 78-93-3)</b>                        |         |  |
| <b>Aquatic</b>  |         |  |
| Crustacea   | EC50    | Daphnia 520.0001 mg/L, 48 Hours  |
| Fish  | LC50    | Sheepshead minnow (Cyprinodon variegatus) > 400 mg/l, 96 hours                 |
| <b>Methyl Isobutyl Ketone (CAS 108-10-1)</b>                    |         |  |
| <b>Aquatic</b>  |         |  |
| Fish  | LC50    | Fathead minnow (Pimephales promelas) 492 - 593 mg/l, 96 hours                  |
| <b>Propylene Glycol Monomethyl Ether Acetate (CAS 108-65-6)</b> |         |  |
| <b>Aquatic</b>  |         |  |
| Crustacea   | EC50    | Daphnia 500.0001 mg/L, 48 Hours  |

| Components                                   | Species | Test Results  |                              |
|--|---------|---|------------------------------|
| Synthetic Amorphous Silica (CAS 112945-52-5) |         |   |                              |
| <b>Aquatic</b>                               |         |   |                              |
| Fish   | LC50    | Danio rerio   | 10000 mg/l, 96 hours         |
| Toluene (CAS 108-88-3)                       |         |   |                              |
| <b>Aquatic</b>                               |         |   |                              |
| Algae  | IC50    | Algae   | 433.0001 mg/L, 72 Hours      |
| Crustacea                                    | EC50    | Daphnia   | 7.645 mg/L, 48 Hours         |
|  |         | Water flea (Daphnia magna)                          | 5.46 - 9.83 mg/l, 48 hours   |
| Fish   | LC50    | Coho salmon,silver salmon<br>(Oncorhynchus kisutch) | 8.11 mg/l, 96 hours          |
| Xylene (CAS 1330-20-7)                       |         |   |                              |
| <b>Aquatic</b>                               |         |   |                              |
| Fish   | LC50    | Bluegill (Lepomis macrochirus)                      | 7.711 - 9.591 mg/l, 96 hours |

\* Estimates for product may be based on additional component data not shown.

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential**

**Partition coefficient n-octanol / water (log Kow)**

|                        |            |
|------------------------|------------|
| Acetone                | -0.24      |
| Isobutane              | 2.76       |
| Isopropyl Alcohol      | 0.05       |
| Methyl Ethyl Ketone    | 0.29       |
| Methyl Isobutyl Ketone | 1.31       |
| Propane                | 2.36       |
| Toluene                | 2.73       |
| Xylene                 | 3.12 - 3.2 |

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### 13. Disposal considerations

**Disposal instructions** 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.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** 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).

**Contaminated packaging** 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.

### 14. Transport information

**TDG**

|                                     |  |
|-------------------------------------|--|
| <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>Packing group</b>                | Not applicable.  |
| <b>Environmental hazards</b>        | D  |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling.<br>This product meets the exemption requirements and may be shipped as a limited quantity. |

## IATA

|                                     |   |
|-------------------------------------|---|
| <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>        | No.   |
| <b>ERG Code</b>                     | 10L   |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. |

### Other information

|                                     |                            |
|-------------------------------------|----------------------------|
| <b>Passenger and cargo aircraft</b> | Allowed with restrictions. |
| <b>Cargo aircraft only</b>          | Allowed with restrictions. |

## IMDG

|                                     |   |
|-------------------------------------|---|
| <b>UN number</b>                    | UN1950  |
| <b>UN proper shipping name</b>      | AEROSOLS  |
| <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>                          | F-D, S-U  |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. |

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## IATA; IMDG; TDG



## 15. Regulatory information

### Canadian regulations

#### Controlled Drugs and Substances Act

Not regulated.

#### Export Control List (CEPA 1999, Schedule 3)

Not listed.

#### Greenhouse Gases

Not listed.

#### Precursor Control Regulations

|                                   |         |
|-----------------------------------|---------|
| Acetone (CAS 67-64-1)             | Class B |
| Methyl Ethyl Ketone (CAS 78-93-3) | Class B |
| Toluene (CAS 108-88-3)            | Class B |

### International regulations

**Stockholm Convention**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Kyoto protocol**

Not applicable.

**Montreal Protocol**

Not applicable.

**Basel Convention**

Not applicable.

**International Inventories**

| Country(s) or region        | Inventory name   | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| 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                     |
| United States & 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).

**16. Other Information**

**Issue date** 05-02-2017

**Version #** 01

**Disclaimer** We cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

**Revision information** Product and Company Identification: Alternate Trade Names