

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Mixture

**Product Name:** 211 Stencil Filler

#### Intended Use of the Product

Stencil filler

#### Name, Address, and Telephone of the Responsible Party

##### **Company**

Intertape Polymer Group  
100 Paramount Drive, Suite 300  
Sarasota, FL 34232  
T: 941-727-5788

#### Emergency Telephone Number

**Emergency Number** : (800) 424-9300 (CHEMTREC)

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

##### **GHS-US classification**

Flam. Liq. 2 H225

Skin Irrit. 2 H315

Resp. Sens. 1 H334

Skin Sens. 1 H317

Repr. 2 H361

STOT SE 3 H336

STOT RE 2 H373

Asp. Tox. 1 H304

Aquatic Acute 1 H400

Aquatic Chronic 1 H410

Full text of H-phrases: see section 16

#### Label Elements

##### **GHS-US Labeling**

##### **Hazard Pictograms (GHS-US)**



##### **Signal Word (GHS-US)**

: Danger

##### **Hazard Statements (GHS-US)**

: H225 - Highly flammable liquid and vapor.  
H304 - May be fatal if swallowed and enters airways.  
H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H336 - May cause drowsiness or dizziness.  
H361 - Suspected of damaging fertility or the unborn child.  
H373 - May cause damage to organs through prolonged or repeated exposure.  
H400 - Very toxic to aquatic life.  
H410 - Very toxic to aquatic life with long lasting effects.

##### **Precautionary Statements (GHS-US)**

: P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P210 - Keep away from extremely high or low temperatures, ignition sources, and incompatible materials. - No smoking.

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P240 - Ground/bond container and receiving equipment.  
P241 - Use explosion-proof electrical, ventilating, and lighting equipment.  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.  
P260 - Do not breathe vapors, mist, or spray.  
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P272 - Contaminated work clothing must not be allowed out of the workplace.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, protective clothing, and eye protection.  
P284 - [In case of inadequate ventilation] wear respiratory protection .  
P301+P310 - If swallowed: Immediately call a poison center or doctor.  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 - If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.  
P308+P313 - If exposed or concerned: Get medical advice/attention.  
P312 - Call a poison center or doctor if you feel unwell.  
P314 - Get medical advice/attention if you feel unwell.  
P321 - Specific treatment (see section 4 on this SDS).  
P331 - Do NOT induce vomiting.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P342+P311 - If experiencing respiratory symptoms: Call a poison center or doctor.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P370+P378 - In case of fire: Use appropriate media (see section 5) to extinguish.  
P391 - Collect spillage.  
P405 - Store locked up.  
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.  
P403+P233+P235 - Store in a well-ventilated place. Keep container tightly closed. Keep cool.

### Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. This material or its emissions may defat skin, cause contact dermatitis, or aggravate existing skin disease. Repeated and prolonged occupational overexposure to solvents has been linked with permanent brain and nervous system damage (sometimes referred to as solvent or painters' syndrome). Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

**Unknown Acute Toxicity (GHS-US)** Not available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Mixture

| Name      | Product Identifier | % (w/w) | GHS-US classification  |
|-----------|--------------------|---------|--|
| n-Heptane | (CAS No) 142-82-5  | 43.3    | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Asp. Tox. 1, H304<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410          |
| Toluene   | (CAS No) 108-88-3  | 32.67   | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>Repr. 2, H361<br>STOT SE 3, H336<br>STOT RE 2, H373<br>Asp. Tox. 1, H304<br>Aquatic Acute 2, H401 |

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|  |                     |      |   |
|--|---------------------|------|---|
|  |                     |      | Aquatic Chronic 3, H412   |
| Rubber   | (CAS No) 9006-04-6  | 8.3  | Resp. Sens. 1, H334<br>Skin Sens. 1, H317   |
| Zinc oxide   | (CAS No) 1314-13-2  | 3.7  | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410  |
| Xylenes (o-, m-, p- isomers)   | (CAS No) 1330-20-7  | 3.63 | Flam. Liq. 3, H226<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation:vapor), H332<br>Skin Irrit. 2, H315<br>Asp. Tox. 1, H304<br>Aquatic Acute 2, H401 |
| Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-, polymer with 6,6-dimethyl-2-methylenebicyclo[3.1.1]heptane, 3-methylene-6-(1-methylethyl)cyclohexene and 1-methyl-4-(1-methylethenyl)cyclohexene | (CAS No) 68240-09-5 | 2    | Comb. Dust  |
| Titanium dioxide   | (CAS No) 13463-67-7 | 1.8  | Not classified  |
| Resin acids and rosin acids, hydrogenated, esters with pentaerythritol   | (CAS No) 64365-17-9 | 1.2  | Comb. Dust  |
| Zinc, bis(dibutylcarbamodithioato-S,S')-, (T-4)-   | (CAS No) 136-23-2   | 0.3  | Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Skin Sens. 1, H317<br>STOT SE 3, H335<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                         |
| 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]-   | (CAS No) 27676-62-6 | 0.1  | Not classified  |

Full text of H-phrases: see section 16

## SECTION 4: FIRST AID MEASURES

### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists. If you feel unwell, seek medical advice.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**Ingestion:** Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

### Most Important Symptoms and Effects Both Acute and Delayed

**General:** Causes skin irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Skin sensitization. Suspected of damaging fertility or the unborn child. May cause drowsiness and dizziness. May cause damage to organs through prolonged or repeated exposure (inhalation). May be fatal if swallowed and enters airways.

**Inhalation:** May cause allergy or asthma symptoms or breathing difficulties if inhaled. High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms. Exposure may produce cough mucous secretions, shortness of breath, chest tightness or other symptoms indicative of an allergic/sensitization reaction.

**Skin Contact:** May cause an allergic skin reaction. Causes skin irritation. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

**Eye Contact:** May cause slight irritation to eyes.

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**Ingestion:** Ingestion is likely to be harmful or have adverse effects. Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

**Chronic Symptoms:** Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure (inhalation).

### **Indication of Any Immediate Medical Attention and Special Treatment Needed**

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## **SECTION 5: FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

**Suitable Extinguishing Media:** Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>). Water may be ineffective but water should be used to keep fire-exposed container cool.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. A heavy water stream may spread burning liquid. Water may be ineffective because it may not cool the material below its flash point.

### **Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Highly flammable liquid and vapor.

**Explosion Hazard:** May form flammable or explosive vapor-air mixture. When mixed with air and exposed to an ignition source, flammable vapors can burn in the open or explode in confined spaces. Being heavier than air, vapors may travel long distances to an ignition source and flash back. Runoff to sewer may cause fire or explosion hazard.

**Reactivity:** Reacts violently with strong oxidizers. Increased risk of fire or explosion.

### **Advice for Firefighters**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire. Under fire conditions closed containers may rupture or explode.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Remove containers from fire area if this can be done without risk. Do not breathe fumes from fires or vapors from decomposition.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides. Irritating or toxic vapors. Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates and gases, including unidentified organic and inorganic compounds. If sulfur compounds are present in appreciable amounts, combustion products may include also H<sub>2</sub>S and SO<sub>x</sub> (sulfur oxides) or sulfuric acid.

**Other Information:** Do not allow run-off from fire fighting to enter drains or water courses.

### **Reference to Other Sections**

Refer to section 9 for flammability properties.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges.

#### **For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel. Stop leak if safe to do so.

#### **For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area. Eliminate ignition sources. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

### **Environmental Precautions**

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

### **Methods and Material for Containment and Cleaning Up**

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

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**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Transfer spilled material to a suitable container for disposal. Use only non-sparking tools. If spilled directly onto the ground, remove sufficient soil to ensure material is fully recovered. Contact competent authorities after a spill.

### Reference to Other Sections

See Heading 8. Exposure controls and personal protection. See Section 13, Disposal Considerations.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

**Additional Hazards When Processed:** Handle empty containers with care because residual vapors are flammable.

**Precautions for Safe Handling:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Do not breathe vapors, mist, or spray. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take precautionary measures against static discharge. Use only non-sparking tools.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations. Take action to prevent static discharges. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Keep in fireproof place.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers. Reducing agents. Halogenated compounds.

### Specific End Use(s)

Stencil filler

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government

| Rubber (9006-04-6)            |                                     |   |
|-------------------------------|-------------------------------------|---|
| USA ACGIH                     | ACGIH TWA (mg/m <sup>3</sup> )      | 0.0001 mg/m <sup>3</sup> (inhalable fraction)   |
| USA ACGIH                     | ACGIH chemical category             | dermal sensitizer, Skin - potential significant contribution to overall exposure by the cutaneous route |
| Alberta                       | OEL TWA (mg/m <sup>3</sup> )        | 0.001 mg/m <sup>3</sup>   |
| British Columbia              | OEL TWA (mg/m <sup>3</sup> )        | 0.001 mg/m <sup>3</sup> (inhalable)   |
| Manitoba                      | OEL TWA (mg/m <sup>3</sup> )        | 0.0001 mg/m <sup>3</sup> (inhalable fraction)   |
| Newfoundland & Labrador       | OEL TWA (mg/m <sup>3</sup> )        | 0.0001 mg/m <sup>3</sup> (inhalable fraction)   |
| Nova Scotia                   | OEL TWA (mg/m <sup>3</sup> )        | 0.0001 mg/m <sup>3</sup> (inhalable fraction)   |
| Northwest Territories         | OEL STEL (mg/m <sup>3</sup> )       | 0.003 mg/m <sup>3</sup> (inhalable fraction)  |
| Northwest Territories         | OEL TWA (mg/m <sup>3</sup> )        | 0.001 mg/m <sup>3</sup> (inhalable fraction)  |
| Ontario                       | OEL TWA (mg/m <sup>3</sup> )        | 0.0001 mg/m <sup>3</sup> (inhalable)  |
| Prince Edward Island          | OEL TWA (mg/m <sup>3</sup> )        | 0.0001 mg/m <sup>3</sup> (inhalable fraction)   |
| Saskatchewan                  | OEL STEL (mg/m <sup>3</sup> )       | 0.003 mg/m <sup>3</sup> (inhalable fraction)  |
| Saskatchewan                  | OEL TWA (mg/m <sup>3</sup> )        | 0.001 mg/m <sup>3</sup> (inhalable fraction)  |
| Titanium dioxide (13463-67-7) |                                     |   |
| Mexico                        | OEL TWA (mg/m <sup>3</sup> )        | 10 mg/m <sup>3</sup>  |
| Mexico                        | OEL STEL (mg/m <sup>3</sup> )       | 20 mg/m <sup>3</sup>  |
| USA ACGIH                     | ACGIH TWA (mg/m <sup>3</sup> )      | 10 mg/m <sup>3</sup>  |
| USA ACGIH                     | ACGIH chemical category             | Not Classifiable as a Human Carcinogen  |
| USA OSHA                      | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 15 mg/m <sup>3</sup> (total dust)   |
| USA IDLH                      | US IDLH (mg/m <sup>3</sup> )        | 5000 mg/m <sup>3</sup>  |
| Alberta                       | OEL TWA (mg/m <sup>3</sup> )        | 10 mg/m <sup>3</sup>  |
| British Columbia              | OEL TWA (mg/m <sup>3</sup> )        | 10 mg/m <sup>3</sup> (total dust)   |

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|                                    |  |   |
|------------------------------------|--|---|
|                                    |  | 3 mg/m <sup>3</sup> (respirable fraction)   |
| <b>Manitoba</b>                    | OEL TWA (mg/m <sup>3</sup> )             | 10 mg/m <sup>3</sup>  |
| <b>New Brunswick</b>               | OEL TWA (mg/m <sup>3</sup> )             | 10 mg/m <sup>3</sup>  |
| <b>Newfoundland &amp; Labrador</b> | OEL TWA (mg/m <sup>3</sup> )             | 10 mg/m <sup>3</sup>  |
| <b>Nova Scotia</b>                 | OEL TWA (mg/m <sup>3</sup> )             | 10 mg/m <sup>3</sup>  |
| <b>Nunavut</b>                     | OEL TWA (mg/m <sup>3</sup> )             | 5 mg/m <sup>3</sup> (respirable mass)<br>10 mg/m <sup>3</sup> (total mass)  |
| <b>Northwest Territories</b>       | OEL STEL (mg/m <sup>3</sup> )            | 20 mg/m <sup>3</sup>  |
| <b>Northwest Territories</b>       | OEL TWA (mg/m <sup>3</sup> )             | 10 mg/m <sup>3</sup>  |
| <b>Ontario</b>                     | OEL TWA (mg/m <sup>3</sup> )             | 10 mg/m <sup>3</sup>  |
| <b>Prince Edward Island</b>        | OEL TWA (mg/m <sup>3</sup> )             | 10 mg/m <sup>3</sup>  |
| <b>Québec</b>                      | VEMP (mg/m <sup>3</sup> )                | 10 mg/m <sup>3</sup> (containing no Asbestos and <1% Crystalline silica-total dust)   |
| <b>Saskatchewan</b>                | OEL STEL (mg/m <sup>3</sup> )            | 20 mg/m <sup>3</sup>  |
| <b>Saskatchewan</b>                | OEL TWA (mg/m <sup>3</sup> )             | 10 mg/m <sup>3</sup>  |
| <b>Yukon</b>                       | OEL STEL (mg/m <sup>3</sup> )            | 20 mg/m <sup>3</sup>  |
| <b>Yukon</b>                       | OEL TWA (mg/m <sup>3</sup> )             | 30 mppcf<br>10 mg/m <sup>3</sup>  |
| <b>Zinc oxide (1314-13-2)</b>      |  |   |
| <b>Mexico</b>                      | OEL TWA (mg/m <sup>3</sup> )             | 5 mg/m <sup>3</sup> (fume)<br>10 mg/m <sup>3</sup> (dust)   |
| <b>Mexico</b>                      | OEL STEL (mg/m <sup>3</sup> )            | 10 mg/m <sup>3</sup> (fume)   |
| <b>USA ACGIH</b>                   | ACGIH TWA (mg/m <sup>3</sup> )           | 2 mg/m <sup>3</sup> (respirable fraction)   |
| <b>USA ACGIH</b>                   | ACGIH STEL (mg/m <sup>3</sup> )          | 10 mg/m <sup>3</sup> (respirable fraction)  |
| <b>USA OSHA</b>                    | OSHA PEL (TWA) (mg/m <sup>3</sup> )      | 5 mg/m <sup>3</sup> (fume)<br>15 mg/m <sup>3</sup> (total dust)<br>5 mg/m <sup>3</sup> (respirable fraction)                    |
| <b>USA NIOSH</b>                   | NIOSH REL (TWA) (mg/m <sup>3</sup> )     | 5 mg/m <sup>3</sup> (dust and fume)   |
| <b>USA NIOSH</b>                   | NIOSH REL (STEL) (mg/m <sup>3</sup> )    | 10 mg/m <sup>3</sup> (fume)   |
| <b>USA NIOSH</b>                   | NIOSH REL (ceiling) (mg/m <sup>3</sup> ) | 15 mg/m <sup>3</sup> (dust)   |
| <b>USA IDLH</b>                    | US IDLH (mg/m <sup>3</sup> )             | 500 mg/m <sup>3</sup>   |
| <b>Alberta</b>                     | OEL STEL (mg/m <sup>3</sup> )            | 10 mg/m <sup>3</sup> (respirable)   |
| <b>Alberta</b>                     | OEL TWA (mg/m <sup>3</sup> )             | 2 mg/m <sup>3</sup> (respirable)  |
| <b>British Columbia</b>            | OEL STEL (mg/m <sup>3</sup> )            | 10 mg/m <sup>3</sup> (respirable)   |
| <b>British Columbia</b>            | OEL TWA (mg/m <sup>3</sup> )             | 2 mg/m <sup>3</sup> (respirable)  |
| <b>Manitoba</b>                    | OEL STEL (mg/m <sup>3</sup> )            | 10 mg/m <sup>3</sup> (respirable fraction)  |
| <b>Manitoba</b>                    | OEL TWA (mg/m <sup>3</sup> )             | 2 mg/m <sup>3</sup> (respirable fraction)   |
| <b>New Brunswick</b>               | OEL STEL (mg/m <sup>3</sup> )            | 10 mg/m <sup>3</sup> (fume)   |
| <b>New Brunswick</b>               | OEL TWA (mg/m <sup>3</sup> )             | 10 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica, dust)<br>5 mg/m <sup>3</sup> (fume) |
| <b>Newfoundland &amp; Labrador</b> | OEL STEL (mg/m <sup>3</sup> )            | 10 mg/m <sup>3</sup> (respirable fraction)  |
| <b>Newfoundland &amp; Labrador</b> | OEL TWA (mg/m <sup>3</sup> )             | 2 mg/m <sup>3</sup> (respirable fraction)   |
| <b>Nova Scotia</b>                 | OEL STEL (mg/m <sup>3</sup> )            | 10 mg/m <sup>3</sup> (respirable fraction)  |
| <b>Nova Scotia</b>                 | OEL TWA (mg/m <sup>3</sup> )             | 2 mg/m <sup>3</sup> (respirable fraction)   |
| <b>Nunavut</b>                     | OEL STEL (mg/m <sup>3</sup> )            | 10 mg/m <sup>3</sup> (fume)   |
| <b>Nunavut</b>                     | OEL TWA (mg/m <sup>3</sup> )             | 5 mg/m <sup>3</sup> (fume)<br>5 mg/m <sup>3</sup> (dust, respirable mass)<br>10 mg/m <sup>3</sup> (total mass-dust)             |
| <b>Northwest Territories</b>       | OEL STEL (mg/m <sup>3</sup> )            | 10 mg/m <sup>3</sup> (dust and fume; respirable fraction)   |
| <b>Northwest Territories</b>       | OEL TWA (mg/m <sup>3</sup> )             | 2 mg/m <sup>3</sup> (dust and fume; respirable fraction)  |
| <b>Ontario</b>                     | OEL STEL (mg/m <sup>3</sup> )            | 10 mg/m <sup>3</sup> (respirable)   |

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|                                    |                                       |   |
|------------------------------------|---------------------------------------|---|
| <b>Ontario</b>                     | OEL TWA (mg/m <sup>3</sup> )          | 2 mg/m <sup>3</sup> (respirable)  |
| <b>Prince Edward Island</b>        | OEL STEL (mg/m <sup>3</sup> )         | 10 mg/m <sup>3</sup> (respirable fraction)  |
| <b>Prince Edward Island</b>        | OEL TWA (mg/m <sup>3</sup> )          | 2 mg/m <sup>3</sup> (respirable fraction)   |
| <b>Québec</b>                      | VECD (mg/m <sup>3</sup> )             | 10 mg/m <sup>3</sup> (fume)   |
| <b>Québec</b>                      | VEMP (mg/m <sup>3</sup> )             | 10 mg/m <sup>3</sup> (containing no Asbestos and <1% Crystalline silica-total dust)<br>5 mg/m <sup>3</sup> (fume)   |
| <b>Saskatchewan</b>                | OEL STEL (mg/m <sup>3</sup> )         | 10 mg/m <sup>3</sup> (dust and fume, respirable fraction)   |
| <b>Saskatchewan</b>                | OEL TWA (mg/m <sup>3</sup> )          | 2 mg/m <sup>3</sup> (dust and fume, respirable fraction)  |
| <b>Yukon</b>                       | OEL STEL (mg/m <sup>3</sup> )         | 10 mg/m <sup>3</sup> (fume)   |
| <b>Yukon</b>                       | OEL TWA (mg/m <sup>3</sup> )          | 5 mg/m <sup>3</sup> (fume)<br>30 mppcf (dust)<br>10 mg/m <sup>3</sup> (dust)  |
| <b>Toluene (108-88-3)</b>          |                                       |   |
| <b>Mexico</b>                      | OEL TWA (mg/m <sup>3</sup> )          | 188 mg/m <sup>3</sup>   |
| <b>Mexico</b>                      | OEL TWA (ppm)                         | 50 ppm  |
| <b>USA ACGIH</b>                   | ACGIH TWA (ppm)                       | 20 ppm  |
| <b>USA ACGIH</b>                   | ACGIH chemical category               | Not Classifiable as a Human Carcinogen  |
| <b>USA ACGIH</b>                   | Biological Exposure Indices (BEI)     | 0.02 mg/l (Medium: blood - Time: prior to last shift of workweek - Parameter: Toluene)<br>0.03 mg/l (Medium: urine - Time: end of shift - Parameter: Toluene)<br>0.3 mg/g Kreatinin (Medium: urine - Time: end of shift - Parameter: o-Cresol with hydrolysis (background)) |
| <b>USA OSHA</b>                    | OSHA PEL (TWA) (ppm)                  | 200 ppm   |
| <b>USA OSHA</b>                    | OSHA PEL (Ceiling) (ppm)              | 300 ppm   |
| <b>USA NIOSH</b>                   | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 375 mg/m <sup>3</sup>   |
| <b>USA NIOSH</b>                   | NIOSH REL (TWA) (ppm)                 | 100 ppm   |
| <b>USA NIOSH</b>                   | NIOSH REL (STEL) (mg/m <sup>3</sup> ) | 560 mg/m <sup>3</sup>   |
| <b>USA NIOSH</b>                   | NIOSH REL (STEL) (ppm)                | 150 ppm   |
| <b>USA IDLH</b>                    | US IDLH (ppm)                         | 500 ppm   |
| <b>Alberta</b>                     | OEL TWA (mg/m <sup>3</sup> )          | 188 mg/m <sup>3</sup>   |
| <b>Alberta</b>                     | OEL TWA (ppm)                         | 50 ppm  |
| <b>British Columbia</b>            | OEL TWA (ppm)                         | 20 ppm  |
| <b>Manitoba</b>                    | OEL TWA (ppm)                         | 20 ppm  |
| <b>New Brunswick</b>               | OEL TWA (mg/m <sup>3</sup> )          | 188 mg/m <sup>3</sup>   |
| <b>New Brunswick</b>               | OEL TWA (ppm)                         | 50 ppm  |
| <b>Newfoundland &amp; Labrador</b> | OEL TWA (ppm)                         | 20 ppm  |
| <b>Nova Scotia</b>                 | OEL TWA (ppm)                         | 20 ppm  |
| <b>Nunavut</b>                     | OEL STEL (mg/m <sup>3</sup> )         | 560 mg/m <sup>3</sup>   |
| <b>Nunavut</b>                     | OEL STEL (ppm)                        | 150 ppm   |
| <b>Nunavut</b>                     | OEL TWA (mg/m <sup>3</sup> )          | 375 mg/m <sup>3</sup>   |
| <b>Nunavut</b>                     | OEL TWA (ppm)                         | 100 ppm   |
| <b>Northwest Territories</b>       | OEL STEL (ppm)                        | 60 ppm  |
| <b>Northwest Territories</b>       | OEL TWA (ppm)                         | 50 ppm  |
| <b>Ontario</b>                     | OEL TWA (ppm)                         | 20 ppm  |
| <b>Prince Edward Island</b>        | OEL TWA (ppm)                         | 20 ppm  |
| <b>Québec</b>                      | VEMP (mg/m <sup>3</sup> )             | 188 mg/m <sup>3</sup>   |
| <b>Québec</b>                      | VEMP (ppm)                            | 50 ppm  |
| <b>Saskatchewan</b>                | OEL STEL (ppm)                        | 60 ppm  |
| <b>Saskatchewan</b>                | OEL TWA (ppm)                         | 50 ppm  |

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|   |                                     |  |
|---|-------------------------------------|--|
| <b>Yukon</b>                                    | OEL STEL (mg/m <sup>3</sup> )       | 560 mg/m <sup>3</sup>  |
| <b>Yukon</b>                                    | OEL STEL (ppm)                      | 150 ppm  |
| <b>Yukon</b>                                    | OEL TWA (mg/m <sup>3</sup> )        | 375 mg/m <sup>3</sup>  |
| <b>Yukon</b>                                    | OEL TWA (ppm)                       | 100 ppm  |
| <b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b> |                                     |  |
| <b>Mexico</b>                                   | OEL TWA (mg/m <sup>3</sup> )        | 435 mg/m <sup>3</sup>  |
| <b>Mexico</b>                                   | OEL TWA (ppm)                       | 100 ppm  |
| <b>Mexico</b>                                   | OEL STEL (mg/m <sup>3</sup> )       | 655 mg/m <sup>3</sup>  |
| <b>Mexico</b>                                   | OEL STEL (ppm)                      | 150 ppm  |
| <b>USA ACGIH</b>                                | ACGIH TWA (ppm)                     | 100 ppm  |
| <b>USA ACGIH</b>                                | ACGIH STEL (ppm)                    | 150 ppm  |
| <b>USA ACGIH</b>                                | ACGIH chemical category             | Not Classifiable as a Human Carcinogen   |
| <b>USA ACGIH</b>                                | Biological Exposure Indices (BEI)   | 1.5 g/g Kreatinin (Medium: urine - Time: end of shift - Parameter: Methylhippuric acids) |
| <b>USA OSHA</b>                                 | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 435 mg/m <sup>3</sup>  |
| <b>USA OSHA</b>                                 | OSHA PEL (TWA) (ppm)                | 100 ppm  |
| <b>Alberta</b>                                  | OEL STEL (mg/m <sup>3</sup> )       | 651 mg/m <sup>3</sup>  |
| <b>Alberta</b>                                  | OEL STEL (ppm)                      | 150 ppm  |
| <b>Alberta</b>                                  | OEL TWA (mg/m <sup>3</sup> )        | 434 mg/m <sup>3</sup>  |
| <b>Alberta</b>                                  | OEL TWA (ppm)                       | 100 ppm  |
| <b>British Columbia</b>                         | OEL STEL (ppm)                      | 150 ppm  |
| <b>British Columbia</b>                         | OEL TWA (ppm)                       | 100 ppm  |
| <b>Manitoba</b>                                 | OEL STEL (ppm)                      | 150 ppm  |
| <b>Manitoba</b>                                 | OEL TWA (ppm)                       | 100 ppm  |
| <b>New Brunswick</b>                            | OEL STEL (mg/m <sup>3</sup> )       | 651 mg/m <sup>3</sup>  |
| <b>New Brunswick</b>                            | OEL STEL (ppm)                      | 150 ppm  |
| <b>New Brunswick</b>                            | OEL TWA (mg/m <sup>3</sup> )        | 434 mg/m <sup>3</sup>  |
| <b>New Brunswick</b>                            | OEL TWA (ppm)                       | 100 ppm  |
| <b>Newfoundland &amp; Labrador</b>              | OEL STEL (ppm)                      | 150 ppm  |
| <b>Newfoundland &amp; Labrador</b>              | OEL TWA (ppm)                       | 100 ppm  |
| <b>Nova Scotia</b>                              | OEL STEL (ppm)                      | 150 ppm  |
| <b>Nova Scotia</b>                              | OEL TWA (ppm)                       | 100 ppm  |
| <b>Nunavut</b>                                  | OEL STEL (mg/m <sup>3</sup> )       | 652 mg/m <sup>3</sup>  |
| <b>Nunavut</b>                                  | OEL STEL (ppm)                      | 150 ppm  |
| <b>Nunavut</b>                                  | OEL TWA (mg/m <sup>3</sup> )        | 434 mg/m <sup>3</sup>  |
| <b>Nunavut</b>                                  | OEL TWA (ppm)                       | 100 ppm  |
| <b>Northwest Territories</b>                    | OEL STEL (ppm)                      | 150 ppm  |
| <b>Northwest Territories</b>                    | OEL TWA (ppm)                       | 100 ppm  |
| <b>Ontario</b>                                  | OEL STEL (ppm)                      | 150 ppm  |
| <b>Ontario</b>                                  | OEL TWA (ppm)                       | 100 ppm  |
| <b>Prince Edward Island</b>                     | OEL STEL (ppm)                      | 150 ppm  |
| <b>Prince Edward Island</b>                     | OEL TWA (ppm)                       | 100 ppm  |
| <b>Québec</b>                                   | VECD (mg/m <sup>3</sup> )           | 651 mg/m <sup>3</sup>  |
| <b>Québec</b>                                   | VECD (ppm)                          | 150 ppm  |
| <b>Québec</b>                                   | VEMP (mg/m <sup>3</sup> )           | 434 mg/m <sup>3</sup>  |
| <b>Québec</b>                                   | VEMP (ppm)                          | 100 ppm  |
| <b>Saskatchewan</b>                             | OEL STEL (ppm)                      | 150 ppm  |
| <b>Saskatchewan</b>                             | OEL TWA (ppm)                       | 100 ppm  |
| <b>Yukon</b>                                    | OEL STEL (mg/m <sup>3</sup> )       | 650 mg/m <sup>3</sup>  |
| <b>Yukon</b>                                    | OEL STEL (ppm)                      | 150 ppm  |
| <b>Yukon</b>                                    | OEL TWA (mg/m <sup>3</sup> )        | 435 mg/m <sup>3</sup>  |



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|                                    |  |                        |
|------------------------------------|--|------------------------|
| <b>Yukon</b>                       | OEL TWA (ppm)                            | 100 ppm                |
| <b>n-Heptane (142-82-5)</b>        |  |                        |
| <b>Mexico</b>                      | OEL TWA (mg/m <sup>3</sup> )             | 1600 mg/m <sup>3</sup> |
| <b>Mexico</b>                      | OEL TWA (ppm)                            | 400 ppm                |
| <b>Mexico</b>                      | OEL STEL (mg/m <sup>3</sup> )            | 2000 mg/m <sup>3</sup> |
| <b>Mexico</b>                      | OEL STEL (ppm)                           | 500 ppm                |
| <b>USA ACGIH</b>                   | ACGIH TWA (ppm)                          | 400 ppm                |
| <b>USA ACGIH</b>                   | ACGIH STEL (ppm)                         | 500 ppm                |
| <b>USA OSHA</b>                    | OSHA PEL (TWA) (mg/m <sup>3</sup> )      | 2000 mg/m <sup>3</sup> |
| <b>USA OSHA</b>                    | OSHA PEL (TWA) (ppm)                     | 500 ppm                |
| <b>USA NIOSH</b>                   | NIOSH REL (TWA) (mg/m <sup>3</sup> )     | 350 mg/m <sup>3</sup>  |
| <b>USA NIOSH</b>                   | NIOSH REL (TWA) (ppm)                    | 85 ppm                 |
| <b>USA NIOSH</b>                   | NIOSH REL (ceiling) (mg/m <sup>3</sup> ) | 1800 mg/m <sup>3</sup> |
| <b>USA NIOSH</b>                   | NIOSH REL (ceiling) (ppm)                | 440 ppm                |
| <b>USA IDLH</b>                    | US IDLH (ppm)                            | 750 ppm                |
| <b>Alberta</b>                     | OEL STEL (mg/m <sup>3</sup> )            | 2050 mg/m <sup>3</sup> |
| <b>Alberta</b>                     | OEL STEL (ppm)                           | 500 ppm                |
| <b>Alberta</b>                     | OEL TWA (mg/m <sup>3</sup> )             | 1640 mg/m <sup>3</sup> |
| <b>Alberta</b>                     | OEL TWA (ppm)                            | 400 ppm                |
| <b>British Columbia</b>            | OEL STEL (ppm)                           | 500 ppm                |
| <b>British Columbia</b>            | OEL TWA (ppm)                            | 400 ppm                |
| <b>Manitoba</b>                    | OEL STEL (ppm)                           | 500 ppm                |
| <b>Manitoba</b>                    | OEL TWA (ppm)                            | 400 ppm                |
| <b>New Brunswick</b>               | OEL STEL (mg/m <sup>3</sup> )            | 2050 mg/m <sup>3</sup> |
| <b>New Brunswick</b>               | OEL STEL (ppm)                           | 500 ppm                |
| <b>New Brunswick</b>               | OEL TWA (mg/m <sup>3</sup> )             | 1640 mg/m <sup>3</sup> |
| <b>New Brunswick</b>               | OEL TWA (ppm)                            | 400 ppm                |
| <b>Newfoundland &amp; Labrador</b> | OEL STEL (ppm)                           | 500 ppm                |
| <b>Newfoundland &amp; Labrador</b> | OEL TWA (ppm)                            | 400 ppm                |
| <b>Nova Scotia</b>                 | OEL STEL (ppm)                           | 500 ppm                |
| <b>Nova Scotia</b>                 | OEL TWA (ppm)                            | 400 ppm                |
| <b>Nunavut</b>                     | OEL STEL (mg/m <sup>3</sup> )            | 2049 mg/m <sup>3</sup> |
| <b>Nunavut</b>                     | OEL STEL (ppm)                           | 500 ppm                |
| <b>Nunavut</b>                     | OEL TWA (mg/m <sup>3</sup> )             | 1640 mg/m <sup>3</sup> |
| <b>Nunavut</b>                     | OEL TWA (ppm)                            | 400 ppm                |
| <b>Northwest Territories</b>       | OEL STEL (ppm)                           | 500 ppm                |
| <b>Northwest Territories</b>       | OEL TWA (ppm)                            | 400 ppm                |
| <b>Ontario</b>                     | OEL STEL (ppm)                           | 500 ppm                |
| <b>Ontario</b>                     | OEL TWA (ppm)                            | 400 ppm                |
| <b>Prince Edward Island</b>        | OEL STEL (ppm)                           | 500 ppm                |
| <b>Prince Edward Island</b>        | OEL TWA (ppm)                            | 400 ppm                |
| <b>Québec</b>                      | VECD (mg/m <sup>3</sup> )                | 2050 mg/m <sup>3</sup> |
| <b>Québec</b>                      | VECD (ppm)                               | 500 ppm                |
| <b>Québec</b>                      | VEMP (mg/m <sup>3</sup> )                | 1640 mg/m <sup>3</sup> |
| <b>Québec</b>                      | VEMP (ppm)                               | 400 ppm                |
| <b>Saskatchewan</b>                | OEL STEL (ppm)                           | 500 ppm                |
| <b>Saskatchewan</b>                | OEL TWA (ppm)                            | 400 ppm                |
| <b>Yukon</b>                       | OEL STEL (mg/m <sup>3</sup> )            | 2000 mg/m <sup>3</sup> |
| <b>Yukon</b>                       | OEL STEL (ppm)                           | 500 ppm                |
| <b>Yukon</b>                       | OEL TWA (mg/m <sup>3</sup> )             | 1600 mg/m <sup>3</sup> |
| <b>Yukon</b>                       | OEL TWA (ppm)                            | 400 ppm                |

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### Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics. Wear fire/flamm resistant/retardant clothing.

**Hand Protection:** Wear protective gloves.

**Eye Protection:** Chemical safety goggles.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Thermal Hazard Protection:** When working with hot material, use suitable thermally protective clothing.

**Other Information:** When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

|   |  |
|---|--|
| Physical State                                    | : Liquid   |
| Appearance  | : Not available  |
| Odor  | : Not available  |
| Odor Threshold                                    | : Not available  |
| pH  | : Not available  |
| Evaporation Rate                                  | : Not available  |
| Melting Point                                     | : Not available  |
| Freezing Point                                    | : Not available  |
| Boiling Point                                     | : Not available  |
| Flash Point                                       | : Not available  |
| Auto-ignition Temperature                         | : Not available  |
| Decomposition Temperature                         | : Not available  |
| Flammability (solid, gas)                         | : Not available  |
| Lower Flammable Limit                             | : Not available  |
| Upper Flammable Limit                             | : Not available  |
| Vapor Pressure                                    | : Not available  |
| Relative Vapor Density at 20 °C                   | : Not available  |
| Relative Density                                  | : Not available  |
| Specific Gravity                                  | : Not available  |
| Solubility  | : Not available  |
| Partition Coefficient: N-Octanol/Water            | : Not available  |
| Viscosity   | : Not available  |
| Explosive Properties                              | : Product is not explosive, however, formation of explosive air-vapor mixture is possible. |
| Explosion Data – Sensitivity to Mechanical Impact | : Not expected to present an explosion hazard due to mechanical impact.                    |
| Explosion Data – Sensitivity to Static Discharge  | : Static discharge could act as an ignition source.  |

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### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Reacts violently with strong oxidizers. Increased risk of fire or explosion.

**Chemical Stability:** Extremely flammable liquid and vapor. May form flammable or explosive vapor-air mixture.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers. Reducing agents. Halogenated compounds.

**Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides. Hydrocarbons. Oxides of zinc.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Information on Toxicological Effects - Product

**Acute Toxicity:** Not classified

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Causes skin irritation.

**Serious Eye Damage/Irritation:** Not classified

**Respiratory or Skin Sensitization:** May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

**Germ Cell Mutagenicity:** Not classified

**Teratogenicity:** Not classified

**Carcinogenicity:** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** May cause damage to organs through prolonged or repeated exposure.

**Reproductive Toxicity:** Suspected of damaging fertility or the unborn child.

**Specific Target Organ Toxicity (Single Exposure):** May cause drowsiness or dizziness.

**Aspiration Hazard:** May be fatal if swallowed and enters airways.

**Symptoms/Injuries After Inhalation:** May cause allergy or asthma symptoms or breathing difficulties if inhaled. High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms. Exposure may produce cough mucous secretions, shortness of breath, chest tightness or other symptoms indicative of an allergic/sensitization reaction.

**Symptoms/Injuries After Skin Contact:** May cause an allergic skin reaction. Causes skin irritation. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

**Symptoms/Injuries After Eye Contact:** May cause slight irritation to eyes.

**Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects. Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

**Chronic Symptoms:** Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

#### Information on Toxicological Effects - Ingredient(s)

**LD50 and LC50 Data:**

| 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]- (27676-62-6) |               |
|---|---------------|
| LD50 Oral Rat   | > 5000 mg/kg  |
| LD50 Dermal Rabbit  | > 2000 mg/kg  |
| Titanium dioxide (13463-67-7)   |               |
| LD50 Oral Rat   | > 10000 mg/kg |
| Zinc oxide (1314-13-2)  |               |
| LD50 Oral Rat   | > 5000 mg/kg  |
| LD50 Dermal Rat   | > 2000 mg/kg  |
| Toluene (108-88-3)  |               |
| LD50 Oral Rat   | 5580 mg/kg    |
| LD50 Dermal Rabbit  | 12000 mg/kg   |
| LC50 Inhalation Rat   | 12.5 mg/l/4h  |
| LC50 Inhalation Rat   | 25.7 mg/l/4h  |

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|   |   |
|---|---|
| <b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b> |   |
| LD50 Oral Rat                                   | > 5000 mg/kg                                  |
| LD50 Dermal Rabbit                              | > 4350 mg/kg                                  |
| LC50 Inhalation Rat                             | 29.08 mg/l/4h                                 |
| LC50 Inhalation Rat                             | 29.08 mg/l/4h                                 |
| LC50 Inhalation Rat                             | 6247 ppm/4h (species: Sprague-Dawley)         |
| ATE US (dermal)                                 | 1,100.00 mg/kg body weight                    |
| ATE US (vapors)                                 | 11.00 mg/l/4h                                 |
| <b>n-Heptane (142-82-5)</b>                     |   |
| LD50 Oral Rat                                   | > 5000 mg/kg                                  |
| LD50 Dermal Rabbit                              | 3000 mg/kg                                    |
| LC50 Inhalation Rat                             | 103 g/m <sup>3</sup> (Exposure time: 4 h)     |
| LC50 Inhalation Rat                             | 103.2 mg/l/4h                                 |
| <b>Titanium dioxide (13463-67-7)</b>            |   |
| IARC Group                                      | 2B  |
| OSHA Hazard Communication Carcinogen List       | In OSHA Hazard Communication Carcinogen list. |
| <b>Toluene (108-88-3)</b>                       |   |
| IARC Group                                      | 3   |
| <b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b> |   |
| IARC Group                                      | 3   |

## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

**Ecology - General:** Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

|  |  |
|--|--|
| <b>1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]- (27676-62-6)</b> |  |
| LC50 Fish 1  | >= 100 mg/l (Exposure time: 24-96 h - Species: Brachydanio rerio)                              |
| ErC50 (algae)  | >= 100 mg/l (Exposure time: 72 h - Species: Scenedesmus subspicatus)                           |
| NOEC chronic algae   | 33 mg/l (Exposure time: 72 h - Species: Scenedesmus subspicatus)                               |
| <b>Zinc, bis(dibutylcarbamo-dithioato-S,S')-, (T-4)- (136-23-2)</b>  |  |
| LC50 Fish 1  | 880 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)                                  |
| EC50 Daphnia 1   | 0.74 mg/l (Exposure time: 48 h - Species: Daphnia magna)                                       |
| LC 50 Fish 2   | 520 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)                                  |
| <b>Zinc oxide (1314-13-2)</b>  |  |
| LC50 Fish 1  | 780 µg/l (Exposure time: 96 h - Species: Pimephales promelas)                                  |
| EC50 Daphnia 1   | 0.122 mg/l   |
| NOEC chronic fish  | 0.026 mg/l (Species: Jordanella floridae)  |
| <b>Toluene (108-88-3)</b>  |  |
| LC50 Fish 1  | 15.22 (15.22 - 19.05) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1   | 5.46 (5.46 - 9.83) mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])                |
| LC 50 Fish 2   | 12.6 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])                        |
| EC50 Daphnia 2   | 11.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)                                       |
| NOEC chronic crustacea   | 0.74 mg/l (Ceriodaphnia dubia)   |
| <b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b>  |  |
| LC50 Fish 1  | 3.3 mg/l   |
| EC50 Daphnia 1   | 3.82 mg/l (Exposure time: 48 h - Species: water flea)  |
| LC 50 Fish 2   | 2.661 (2.661 - 4.093) mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])       |
| NOEC chronic crustacea   | 1.17   |
| <b>n-Heptane (142-82-5)</b>  |  |
| LC50 Fish 1  | 375.0 mg/l (Exposure time: 96 h - Species: Cichlid fish)                                       |

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|                |          |
|----------------|----------|
| EC50 Daphnia 1 | 0.1 mg/l |
|----------------|----------|

### Persistence and Degradability

|                    |  |
|--------------------|--|
| 211 Stencil Filler |  |
|--------------------|--|

|                               |   |
|-------------------------------|---|
| Persistence and Degradability | May cause long-term adverse effects in the environment. |
|-------------------------------|---|

|   |  |
|---|--|
| 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]- (27676-62-6) |  |
|---|--|

|                               |                            |
|-------------------------------|----------------------------|
| Persistence and Degradability | Not rapidly biodegradable. |
|-------------------------------|----------------------------|

### Bioaccumulative Potential

|                    |  |
|--------------------|--|
| 211 Stencil Filler |  |
|--------------------|--|

|                           |                  |
|---------------------------|------------------|
| Bioaccumulative Potential | Not established. |
|---------------------------|------------------|

|                    |  |
|--------------------|--|
| Toluene (108-88-3) |  |
|--------------------|--|

|         |      |
|---------|------|
| Log Pow | 2.65 |
|---------|------|

|  |  |
|--|--|
| Xylenes (o-, m-, p- isomers) (1330-20-7) |  |
|--|--|

|            |                |
|------------|----------------|
| BCF Fish 1 | 0.6 (0.6 - 15) |
|------------|----------------|

|         |             |
|---------|-------------|
| Log Pow | 2.77 - 3.15 |
|---------|-------------|

|                      |  |
|----------------------|--|
| n-Heptane (142-82-5) |  |
|----------------------|--|

|         |      |
|---------|------|
| Log Pow | 4.66 |
|---------|------|

Mobility in Soil Not available

### Other Adverse Effects

Other Information: Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations

**Additional Information:** Handle empty containers with care because residual vapors are flammable.

**Ecology – Waste Materials:** Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

## SECTION 14: TRANSPORT INFORMATION

### In Accordance with DOT

Proper Shipping Name : ADHESIVES containing a flammable liquid

Hazard Class : 3

Identification Number : UN1133

Label Codes : 3

Packing Group : II

Marine Pollutant : Marine pollutant

ERG Number : 128



### In Accordance with IMDG

Proper Shipping Name : ADHESIVES containing a flammable liquid

Hazard Class : 3

Identification Number : UN1133

Packing Group : II

Label Codes : 3

EmS-No. (Fire) : F-E

EmS-No. (Spillage) : S-D

Marine Pollutant : Marine Pollutant



### In Accordance with IATA

Proper Shipping Name : ADHESIVES containing a flammable liquid

Packing Group : II

Identification Number : UN1133

Hazard Class : 3

Label Codes : 3

ERG Code (IATA) : 3L



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### In Accordance with TDG

**Proper Shipping Name** : ADHESIVES containing a flammable liquid  
**Packing Group** : II  
**Hazard Class** : 3  
**Identification Number** : UN1133  
**Label Codes** : 3  
**Marine Pollutant (TDG)** : Marine pollutant



## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

|  |  |
|--|--|
| <b>211 Stencil Filler</b>  |  |
| <b>SARA Section 311/312 Hazard Classes</b>   | Fire hazard<br>Immediate (acute) health hazard<br>Delayed (chronic) health hazard      |
| <b>1,3,5-Triazine-2,4,6-(1H,3H,5H)-trione, 1,3,5-tris[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]- (27676-62-6)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory  |  |
| <b>Zinc, bis(dibutylcarbamodithioato-S,S')-, (T-4)- (136-23-2)</b>   |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory  |  |
| <b>Titanium dioxide (13463-67-7)</b>   |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory  |  |
| <b>SARA Section 311/312 Hazard Classes</b>   | Delayed (chronic) health hazard  |
| <b>Zinc oxide (1314-13-2)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory  |  |
| <b>Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-, polymer with 6,6-dimethyl-2-methylenebicyclo[3.1.1]heptane, 3-methylene-6-(1-methylethyl)cyclohexene and 1-methyl-4-(1-methylethenyl)cyclohexene (68240-09-5)</b> |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory  |  |
| <b>Resin acids and rosin acids, hydrogenated, esters with pentaerythritol (64365-17-9)</b>   |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory  |  |
| <b>Toluene (108-88-3)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory<br>Subject to reporting requirements of United States SARA Section 313   |  |
| <b>RQ (Reportable Quantity, Section 304 of EPA's List of Lists):</b>   | 1000 lb  |
| <b>SARA Section 313 - Emission Reporting</b>   | 1.0 %  |
| <b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory<br>Subject to reporting requirements of United States SARA Section 313   |  |
| <b>RQ (Reportable Quantity, Section 304 of EPA's List of Lists):</b>   | 100 lb   |
| <b>SARA Section 311/312 Hazard Classes</b>   | Delayed (chronic) health hazard<br>Fire hazard<br>Immediate (acute) health hazard      |
| <b>SARA Section 313 - Emission Reporting</b>   | 1.0 %  |
| <b>n-Heptane (142-82-5)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory  |  |
| <b>EPA TSCA Regulatory Flag</b>  | T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA. |

### US State Regulations

|  |  |
|--|--|
| <b>Titanium dioxide (13463-67-7)</b>                               |  |
| <b>U.S. - California - Proposition 65 - Carcinogens List</b>       | WARNING: This product contains chemicals known to the State of California to cause cancer. |
| <b>Toluene (108-88-3)</b>  |  |
| <b>U.S. - California - Proposition 65 - Developmental Toxicity</b> | WARNING: This product contains chemicals known to the State of                             |

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California to cause birth defects.

### Rubber (9006-04-6)

U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour  
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual  
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour  
U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term

### Titanium dioxide (13463-67-7)

U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)  
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)  
U.S. - Idaho - Occupational Exposure Limits - TWAs  
U.S. - Illinois - Toxic Air Contaminant Carcinogens  
RTK - U.S. - Massachusetts - Right To Know List  
U.S. - Michigan - Occupational Exposure Limits - TWAs  
U.S. - Minnesota - Chemicals of High Concern  
U.S. - Minnesota - Hazardous Substance List  
U.S. - Minnesota - Permissible Exposure Limits - TWAs  
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour  
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual  
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - New York - Occupational Exposure Limits - TWAs  
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour  
U.S. - Oregon - Permissible Exposure Limits - TWAs  
RTK - U.S. - Pennsylvania - RTK (Right to Know) List  
U.S. - Tennessee - Occupational Exposure Limits - TWAs  
U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term  
U.S. - Vermont - Permissible Exposure Limits - TWAs  
U.S. - Washington - Permissible Exposure Limits - STELS  
U.S. - Washington - Permissible Exposure Limits - TWAs

### Zinc oxide (1314-13-2)

U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)  
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)  
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations  
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)  
U.S. - Idaho - Occupational Exposure Limits - TWAs  
RTK - U.S. - Massachusetts - Right To Know List  
U.S. - Michigan - Occupational Exposure Limits - STELS  
U.S. - Michigan - Occupational Exposure Limits - TWAs  
U.S. - Minnesota - Hazardous Substance List  
U.S. - Minnesota - Permissible Exposure Limits - STELS  
U.S. - Minnesota - Permissible Exposure Limits - TWAs  
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour  
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual  
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - New York - Occupational Exposure Limits - TWAs  
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour  
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour  
U.S. - Oregon - Permissible Exposure Limits - TWAs  
RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List  
RTK - U.S. - Pennsylvania - RTK (Right to Know) List  
U.S. - Tennessee - Occupational Exposure Limits - STELS  
U.S. - Tennessee - Occupational Exposure Limits - TWAs

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U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term  
U.S. - Vermont - Permissible Exposure Limits - STELs  
U.S. - Vermont - Permissible Exposure Limits - TWAs  
U.S. - Washington - Permissible Exposure Limits - STELs  
U.S. - Washington - Permissible Exposure Limits - TWAs

### **Resin acids and rosin acids, hydrogenated, esters with pentaerythritol (64365-17-9)**

U.S. - Maine - Chemicals of High Concern  
U.S. - Minnesota - Chemicals of High Concern  
U.S. - Minnesota - Chemicals of High Concern - Persistent Bioaccumulative Toxins

### **Toluene (108-88-3)**

U.S. - California - Priority Toxic Pollutants - Human Health Criteria  
U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)  
U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Acute  
U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Chronic  
U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728)  
U.S. - Colorado - Groundwater Quality Standards  
U.S. - Colorado - Hazardous Wastes - Discarded Chemical Products, Off-Specification Species, Container and Spill Residues  
U.S. - Colorado - Primary Drinking Water Regulations - Maximum Contaminant Level Goals (MCLGs)  
U.S. - Colorado - Primary Drinking Water Regulations - Maximum Contaminant Levels (MCLs)  
U.S. - Connecticut - Drinking Water Quality Standards - Maximum Contaminant Levels  
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)  
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)  
U.S. - Connecticut - Volatile Substances  
U.S. - Connecticut - Water Quality Standards - Consumption of Organisms Only  
U.S. - Connecticut - Water Quality Standards - Consumption of Water and Organisms  
U.S. - Connecticut - Water Quality Standards - Health Designations  
U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities  
U.S. - Florida - Drinking Water Standards - Volatile Organic Contaminants - Maximum Contaminant Levels (MCLs)  
U.S. - Florida - Essential Chemicals List  
U.S. - Georgia - Drinking Water - Maximum Contaminant Levels (MCLs)  
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations  
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)  
U.S. - Idaho - Occupational Exposure Limits - Acceptable Maximum Peak Above the Ceiling Concentration for an 8-Hour Shift  
U.S. - Idaho - Occupational Exposure Limits - Ceilings  
U.S. - Idaho - Occupational Exposure Limits - TWAs  
U.S. - Illinois - Toxic Air Contaminants  
U.S. - Louisiana - Reportable Quantity List for Pollutants  
U.S. - Maine - Air Pollutants - Hazardous Air Pollutants  
U.S. - Maine - Chemicals of High Concern  
U.S. - Maryland - Surface Water Quality Standards - Consumption of Organisms Only  
U.S. - Maryland - Surface Water Quality Standards - Consumption of Water and Organisms  
U.S. - Massachusetts - Allowable Ambient Limits (AALs)  
U.S. - Massachusetts - Allowable Threshold Concentrations (ATCs)  
U.S. - Massachusetts - Drinking Water - Maximum Contaminant Levels (MCLs)  
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1  
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2  
U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity  
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1  
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2  
RTK - U.S. - Massachusetts - Right To Know List  
U.S. - Massachusetts - Threshold Effects Exposure Limits (TELEs)  
U.S. - Massachusetts - Toxics Use Reduction Act



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U.S. - Michigan - Occupational Exposure Limits - STELS  
U.S. - Michigan - Occupational Exposure Limits - TWAs  
U.S. - Michigan - Polluting Materials List  
U.S. - Minnesota - Chemicals of High Concern  
U.S. - Minnesota - Groundwater Health Risk Limits  
U.S. - Minnesota - Hazardous Substance List  
U.S. - Minnesota - Permissible Exposure Limits - STELS  
U.S. - Minnesota - Permissible Exposure Limits - TWAs  
U.S. - Missouri - Drinking Water - Maximum Contaminant Levels (MCLs)  
U.S. - Nebraska - Drinking Water - Maximum Contaminant Levels (MCLs)  
U.S. - New Hampshire - Drinking Water - Maximum Contaminant Levels (MCLs)  
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour  
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual  
U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances  
U.S. - New Jersey - Environmental Hazardous Substances List  
U.S. - New Jersey - Primary Drinking Water Standards - Maximum Contaminant Levels - MCLs  
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - New Jersey - Special Health Hazards Substances List  
U.S. - New Jersey - Water Quality - Ground Water Quality Criteria  
U.S. - New Jersey - Water Quality - Practical Quantitation Levels (PQLs)  
U.S. - New Mexico - Water Quality - Standards for Ground Water of 10,000 mg/L TDS Concentration or Less  
U.S. - New York - Occupational Exposure Limits - Ceilings  
U.S. - New York - Occupational Exposure Limits - TWAs  
U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances  
U.S. - North Carolina - Control of Toxic Air Pollutants  
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour  
U.S. - North Dakota - Hazardous Wastes - Discarded Chemical Products, Off-Specification Species, Container and Spill Residues  
U.S. - North Dakota - Water Quality Standards - Human Health Value for Class III  
U.S. - North Dakota - Water Quality Standards - Human Health Value for Classes I, IA, II  
U.S. - Oregon - Permissible Exposure Limits - Ceilings  
U.S. - Oregon - Permissible Exposure Limits - STELS  
U.S. - Oregon - Permissible Exposure Limits - TWAs  
U.S. - California - Safer Consumer Products - Initial List of Candidate Chemicals and Chemical Groups  
U.S. - Pennsylvania - Drinking Water - Maximum Contaminant Levels (MCLs)  
RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List  
RTK - U.S. - Pennsylvania - RTK (Right to Know) List  
U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - 1-Hour  
U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - Annual  
U.S. - Rhode Island - Water Quality Standards - Acute Freshwater Aquatic Life Criteria  
U.S. - Rhode Island - Water Quality Standards - Chronic Freshwater Aquatic Life Criteria  
U.S. - Rhode Island - Water Quality Standards - Human Health Criteria for Consumption of Aquatic Organisms Only  
U.S. - Rhode Island - Water Quality Standards - Human Health Criteria for Consumption of Water and Aquatic Organisms  
U.S. - South Carolina - Maximum Contaminant Levels (MCLs)  
U.S. - South Carolina - Toxic Air Pollutants - Maximum Allowable Concentrations  
U.S. - South Carolina - Toxic Air Pollutants - Pollutant Categories  
U.S. - Tennessee - Occupational Exposure Limits - STELS  
U.S. - Tennessee - Occupational Exposure Limits - TWAs  
U.S. - Texas - City of Austin - Aerosol Paint and Glue Restrictions  
U.S. - Texas - Drinking Water Standards - Maximum Contaminant Levels (MCLs)  
U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term  
U.S. - Utah - Drinking Water - Maximum Contaminant Levels (MCLs)  
U.S. - Vermont - Hazardous Waste - Hazardous Constituents  
U.S. - Vermont - Permissible Exposure Limits - STELS

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U.S. - Vermont - Permissible Exposure Limits - TWAs  
U.S. - Virginia - Water Quality Standards - Public Water Supply Effluent Limits  
U.S. - Virginia - Water Quality Standards - Surface Waters Not Used for the Public Water Supply Effluent Limits  
U.S. - Washington - Dangerous Waste - Dangerous Waste Constituents List  
U.S. - Washington - Dangerous Waste - Discarded Chemical Products List  
U.S. - Washington - Permissible Exposure Limits - STELS  
U.S. - Washington - Permissible Exposure Limits - TWAs  
U.S. - West Virginia - Water Quality - Groundwater Standards - Ceiling Concentrations  
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet  
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet  
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater  
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet

### **Xylenes (o-, m-, p- isomers) (1330-20-7)**

U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Acute  
U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Chronic  
U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728)  
U.S. - Colorado - Groundwater Quality Standards  
U.S. - Colorado - Hazardous Wastes - Discarded Chemical Products, Off-Specification Species, Container and Spill Residues  
U.S. - Colorado - Primary Drinking Water Regulations - Maximum Contaminant Level Goals (MCLGs)  
U.S. - Colorado - Primary Drinking Water Regulations - Maximum Contaminant Levels (MCLs)  
U.S. - Connecticut - Drinking Water Quality Standards - Maximum Contaminant Levels  
U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities  
U.S. - Florida - Drinking Water Standards - Volatile Organic Contaminants - Maximum Contaminant Levels (MCLs)  
U.S. - Georgia - Drinking Water - Maximum Contaminant Levels (MCLs)  
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations  
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)  
U.S. - Idaho - Occupational Exposure Limits - TWAs  
U.S. - Illinois - Toxic Air Contaminants  
U.S. - Louisiana - Reportable Quantity List for Pollutants  
U.S. - Maine - Air Pollutants - Hazardous Air Pollutants  
U.S. - Massachusetts - Allowable Ambient Limits (AALs)  
U.S. - Massachusetts - Allowable Threshold Concentrations (ATCs)  
U.S. - Massachusetts - Drinking Water - Maximum Contaminant Levels (MCLs)  
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1  
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2  
U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity  
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1  
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2  
RTK - U.S. - Massachusetts - Right To Know List  
U.S. - Massachusetts - Threshold Effects Exposure Limits (TELEs)  
U.S. - Massachusetts - Toxics Use Reduction Act  
U.S. - Michigan - Occupational Exposure Limits - STELS  
U.S. - Michigan - Occupational Exposure Limits - TWAs  
U.S. - Michigan - Polluting Materials List  
U.S. - Minnesota - Chemicals of High Concern  
U.S. - Minnesota - Groundwater Health Risk Limits  
U.S. - Minnesota - Hazardous Substance List  
U.S. - Minnesota - Permissible Exposure Limits - STELS  
U.S. - Minnesota - Permissible Exposure Limits - TWAs  
U.S. - Missouri - Drinking Water - Maximum Contaminant Levels (MCLs)  
U.S. - Nebraska - Drinking Water - Maximum Contaminant Levels (MCLs)  
U.S. - New Hampshire - Drinking Water - Maximum Contaminant Levels (MCLs)  
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour

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U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual  
U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances  
U.S. - New Jersey - Environmental Hazardous Substances List  
U.S. - New Jersey - Primary Drinking Water Standards - Maximum Contaminant Levels - MCLs  
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - New Jersey - Special Health Hazards Substances List  
U.S. - New Jersey - Water Quality - Ground Water Quality Criteria  
U.S. - New Jersey - Water Quality - Practical Quantitation Levels (PQLs)  
U.S. - New Mexico - Water Quality - Standards for Ground Water of 10,000 mg/L TDS Concentration or Less  
U.S. - New York - Occupational Exposure Limits - TWAs  
U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances  
U.S. - North Carolina - Control of Toxic Air Pollutants  
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour  
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour  
U.S. - North Dakota - Hazardous Wastes - Discarded Chemical Products, Off-Specification Species, Container and Spill Residues  
U.S. - North Dakota - Water Quality Standards - Human Health Value for Classes I, IA, II  
U.S. - Oregon - Permissible Exposure Limits - TWAs  
U.S. - California - Safer Consumer Products - Initial List of Candidate Chemicals and Chemical Groups  
U.S. - Pennsylvania - Drinking Water - Maximum Contaminant Levels (MCLs)  
RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List  
RTK - U.S. - Pennsylvania - RTK (Right to Know) List  
U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - 1-Hour  
U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - 24-Hour  
U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - Annual  
U.S. - Rhode Island - Water Quality Standards - Acute Freshwater Aquatic Life Criteria  
U.S. - Rhode Island - Water Quality Standards - Chronic Freshwater Aquatic Life Criteria  
U.S. - South Carolina - Maximum Contaminant Levels (MCLs)  
U.S. - South Carolina - Toxic Air Pollutants - Maximum Allowable Concentrations  
U.S. - South Carolina - Toxic Air Pollutants - Pollutant Categories  
U.S. - Tennessee - Occupational Exposure Limits - STELs  
U.S. - Tennessee - Occupational Exposure Limits - TWAs  
U.S. - Texas - City of Austin - Aerosol Paint and Glue Restrictions  
U.S. - Texas - Drinking Water Standards - Maximum Contaminant Levels (MCLs)  
U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term  
U.S. - Utah - Drinking Water - Maximum Contaminant Levels (MCLs)  
U.S. - Washington - Dangerous Waste - Discarded Chemical Products List  
U.S. - Washington - Permissible Exposure Limits - STELs  
U.S. - Washington - Permissible Exposure Limits - TWAs  
U.S. - West Virginia - Water Quality - Groundwater Standards - Ceiling Concentrations  
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet  
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet  
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater  
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet

### **n-Heptane (142-82-5)**

U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)  
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)  
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations  
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)  
U.S. - Idaho - Occupational Exposure Limits - TWAs  
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1  
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2  
U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity

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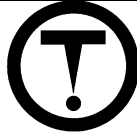
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U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1  
 U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2  
 RTK - U.S. - Massachusetts - Right To Know List  
 U.S. - Michigan - Occupational Exposure Limits - STELs  
 U.S. - Michigan - Occupational Exposure Limits - TWAs  
 U.S. - Minnesota - Hazardous Substance List  
 U.S. - Minnesota - Permissible Exposure Limits - STELs  
 U.S. - Minnesota - Permissible Exposure Limits - TWAs  
 U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour  
 U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual  
 RTK - U.S. - New Jersey - Right to Know Hazardous Substance List  
 U.S. - New Jersey - Special Health Hazards Substances List  
 U.S. - New York - Occupational Exposure Limits - TWAs  
 U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour  
 U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour  
 U.S. - Oregon - Permissible Exposure Limits - TWAs  
 RTK - U.S. - Pennsylvania - RTK (Right to Know) List  
 U.S. - Tennessee - Occupational Exposure Limits - STELs  
 U.S. - Tennessee - Occupational Exposure Limits - TWAs  
 U.S. - Texas - Effects Screening Levels - Long Term  
 U.S. - Texas - Effects Screening Levels - Short Term  
 U.S. - Vermont - Permissible Exposure Limits - STELs  
 U.S. - Vermont - Permissible Exposure Limits - TWAs  
 U.S. - Washington - Permissible Exposure Limits - STELs  
 U.S. - Washington - Permissible Exposure Limits - TWAs

### Canadian Regulations

#### 211 Stencil Filler

|                      |  |
|----------------------|--|
| WHMIS Classification | Class B Division 2 - Flammable Liquid<br>Class D Division 2 Subdivision A - Very toxic material causing other toxic effects<br>Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
|----------------------|--|



#### Rubber (9006-04-6)

Listed on the Canadian DSL (Domestic Substances List)

|                      |   |
|----------------------|---|
| WHMIS Classification | Class D Division 2 Subdivision A - Very toxic material causing other toxic effects<br>Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
|----------------------|---|

#### 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]- (27676-62-6)

Listed on the Canadian DSL (Domestic Substances List)

|                      |   |
|----------------------|---|
| WHMIS Classification | Uncontrolled product according to WHMIS classification criteria |
|----------------------|---|

#### Zinc, bis(dibutylcarbamo-dithioato-S,S')-, (T-4)- (136-23-2)

Listed on the Canadian DSL (Domestic Substances List)

|                      |   |
|----------------------|---|
| WHMIS Classification | Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
|----------------------|---|

#### Titanium dioxide (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List)

|                      |   |
|----------------------|---|
| WHMIS Classification | Uncontrolled product according to WHMIS classification criteria |
|----------------------|---|

#### Zinc oxide (1314-13-2)

Listed on the Canadian DSL (Domestic Substances List)

Listed on the Canadian IDL (Ingredient Disclosure List)

IDL Concentration 1 %

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|  |  |
|--|--|
| WHMIS Classification   | Uncontrolled product according to WHMIS classification criteria  |
| <b>Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-, polymer with 6,6-dimethyl-2-methylenebicyclo[3.1.1]heptane, 3-methylene-6-(1-methylethyl)cyclohexene and 1-methyl-4-(1-methylethenyl)cyclohexene (68240-09-5)</b> |  |
| Listed on the Canadian DSL (Domestic Substances List)  |  |
| WHMIS Classification   | Uncontrolled product according to WHMIS classification criteria  |
| <b>Resin acids and rosin acids, hydrogenated, esters with pentaerythritol (64365-17-9)</b>   |  |
| Listed on the Canadian DSL (Domestic Substances List)  |  |
| WHMIS Classification   | Uncontrolled product according to WHMIS classification criteria  |
| <b>Toluene (108-88-3)</b>  |  |
| Listed on the Canadian DSL (Domestic Substances List)  |  |
| Listed on the Canadian IDL (Ingredient Disclosure List)  |  |
| IDL Concentration 1 %  |  |
| WHMIS Classification   | Class B Division 2 - Flammable Liquid<br>Class D Division 2 Subdivision A - Very toxic material causing other toxic effects<br>Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
| <b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b>  |  |
| Listed on the Canadian DSL (Domestic Substances List)  |  |
| WHMIS Classification   | Class B Division 2 - Flammable Liquid<br>Class D Division 2 Subdivision A - Very toxic material causing other toxic effects<br>Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
| <b>n-Heptane (142-82-5)</b>  |  |
| Listed on the Canadian DSL (Domestic Substances List)  |  |
| Listed on the Canadian IDL (Ingredient Disclosure List)  |  |
| IDL Concentration 1 %  |  |
| WHMIS Classification   | Class B Division 2 - Flammable Liquid<br>Class D Division 2 Subdivision B - Toxic material causing other toxic effects   |

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date** : 12/11/2015  
**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

#### GHS Full Text Phrases:

|                                 |  |
|---------------------------------|--|
| Acute Tox. 4 (Dermal)           | Acute toxicity (dermal) Category 4                               |
| Acute Tox. 4 (Inhalation:vapor) | Acute toxicity (inhalation:vapor) Category 4                     |
| Aquatic Acute 1                 | Hazardous to the aquatic environment - Acute Hazard Category 1   |
| Aquatic Acute 2                 | Hazardous to the aquatic environment - Acute Hazard Category 2   |
| Aquatic Chronic 1               | Hazardous to the aquatic environment - Chronic Hazard Category 1 |
| Aquatic Chronic 3               | Hazardous to the aquatic environment - Chronic Hazard Category 3 |
| Asp. Tox. 1                     | Aspiration hazard Category 1                                     |
| Comb. Dust                      | Combustible Dust   |
| Eye Irrit. 2A                   | Serious eye damage/eye irritation Category 2A                    |
| Flam. Liq. 2                    | Flammable liquids Category 2                                     |
| Flam. Liq. 3                    | Flammable liquids Category 3                                     |
| Repr. 2                         | Reproductive toxicity Category 2                                 |
| Resp. Sens. 1                   | Respiratory sensitisation Category 1                             |
| Skin Irrit. 2                   | Skin corrosion/irritation Category 2                             |
| Skin Sens. 1                    | Skin sensitization Category 1                                    |
| STOT RE 2                       | Specific target organ toxicity (repeated exposure) Category 2    |

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|              |   |
|--------------|---|
| STOT SE 3    | Specific target organ toxicity (single exposure) Category 3               |
| STOT SE 3    | Specific target organ toxicity (single exposure) Category 3               |
| H225         | Highly flammable liquid and vapor   |
| H226         | Flammable liquid and vapor  |
| Combust Dust | May form combustible dust concentrations in air                           |
| H304         | May be fatal if swallowed and enters airways                              |
| H312         | Harmful in contact with skin  |
| H315         | Causes skin irritation  |
| H317         | May cause an allergic skin reaction                                       |
| H319         | Causes serious eye irritation   |
| H332         | Harmful if inhaled  |
| H334         | May cause allergy or asthma symptoms or breathing difficulties if inhaled |
| H335         | May cause respiratory irritation  |
| H336         | May cause drowsiness or dizziness   |
| H361         | Suspected of damaging fertility or the unborn child                       |
| H373         | May cause damage to organs through prolonged or repeated exposure         |
| H400         | Very toxic to aquatic life  |
| H401         | Toxic to aquatic life   |
| H410         | Very toxic to aquatic life with long lasting effects                      |
| H412         | Harmful to aquatic life with long lasting effects                         |

### Party Responsible for the Preparation of This Document

Intertape Polymer Group  
803-799-8800

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

NA GHS SDS