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

### 1.1 Product identifier

**Product Name** • PROBOND Adhesion Promoter

**Product Code** • SDS No. 1001

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified use(s)** • Adhesion Promoter

### 1.3 Details of the supplier of the safety data sheet

**Manufacturer** • Saint-Gobain Performance Plastics
One Sealants Park
Granville, NY 12832
United States
www.foams.saint-gobain.com

**Telephone (General)** • 518-642-2200

### 1.4 Emergency telephone number

**Manufacturer** • CHEMTREC 800-424-9300

Key to abbreviations
‡ = HMIS is a registered trademark of the American Coatings Association

## Section 2: Hazards Identification

### 2.1 Classification of the substance or mixture

• Flammable Liquids 2 - H225
Eye Irritation 2 - H319
Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects - H336
EUH066

**DSD/DPD** • Highly Flammable (F)
Irritant (Xi)
R11, R36, R66, R67

### 2.2 Label Elements

**DANGER**

**Hazard statements** • H225 - Highly flammable liquid and vapour
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
EUH066 - Repeated exposure may cause skin dryness or cracking.

**Precautionary statements**

**Prevention** • P210 - Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
P233 - Keep container tightly closed.
P240 - Ground and/or bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting/equipment.

P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P261 - Avoid breathing mist/vapours/spray.
P264 - Wash thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**Response** • P370+P378 - In case of fire: Use appropriate media for extinction.
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

**Storage/Disposal** • P235 - Keep cool.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**DSD/DPD**

**Risk phrases** • R11 - Highly flammable.
R36 - Irritating to eyes.
R66 - Repeated exposure may cause skin dryness or cracking.
R67 - Vapours may cause drowsiness and dizziness.

**Safety phrases** • S9 - Keep container in a well ventilated place
S16 - Keep away from sources of ignition - No Smoking.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

### 2.3 Other Hazards

**CLP** • According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

**DSD/DPD** • According to European Directive 1999/45/EC this preparation is considered dangerous.

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## United States (US)

**According to OSHA 29 CFR 1910.1200 HCS**

### 2.1 Classification of the substance or mixture

**OSHA HCS 2012** • Flammable Liquids 2 - H225
Eye Irritation 2A - H319
Acute Toxicity Inhalation 4 - H332
Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation - H335
Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects - H336
Specific Target Organ Toxicity Repeated Exposure 2 - H373

### 2.2 Label elements

**OSHA HCS 2012**

**DANGER**

**Hazard statements** • Highly flammable liquid and vapour - H225

Causes serious eye irritation - H319
Harmful if inhaled - H332
May cause respiratory irritation - H335
May cause drowsiness or dizziness - H336
May cause damage to organs -brain and central nervous system through prolonged or repeated exposure - H373

**Precautionary statements**

**Prevention**
- Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking. - P210
Keep container tightly closed. - P233
Ground and/or bond container and receiving equipment. - P240
Use explosion-proof electrical/ventilating/lighting/equipment. - P241
Use only non-sparking tools. - P242
Take precautionary measures against static discharge. - P243
Do not breathe dust, fume, gas, mist, vapours and/or spray. - P260
Avoid breathing mist/vapours/spray. - P261
Wash thoroughly after handling. - P264
Use only outdoors or in a well-ventilated area. - P271

**Response**
- In case of fire: Use appropriate media for extinction. - P370+P378
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. - P304+P340
Call a POISON CENTER or doctor/physician if you feel unwell. - P312
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. - P303+P361+P353
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. - P305+P351+P338
If eye irritation persists: Get medical advice/attention. - P337+P313
IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician. - P309+P311

**Storage/Disposal**
- Keep cool. - P235
Store in a well-ventilated place. Keep container tightly closed. - P403+P233
Store locked up. - P405
Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

## 2.3 Other hazards

**OSHA HCS 2012**
- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

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## Canada

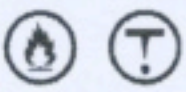
**According to WHMIS**

## 2.1 Classification of the substance or mixture

**WHMIS**
- Flammable Liquids - B2
Other Toxic Effects - D2A
Other Toxic Effects - D2B

## 2.2 Label elements

**WHMIS**



- Flammable Liquids - B2
Other Toxic Effects - D2A
Other Toxic Effects - D2B

## 2.3 Other hazards

**WHMIS**
- In Canada, the product mentioned above is considered Hazardous under the Workplace Hazardous Materials Information System (WHMIS).

## 2.4 Other information

- 1.35 - 1.8 (inhl) percent of this product consists of an ingredient of unknown toxicity.

See Section 12 for Ecological Information.

# Section 3 - Composition/Information on Ingredients

## 3.1 Substances

- Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

## 3.2 Mixtures

| Hazardous Components | | | | | |
|---|---|---|---|---|---|
| Chemical Name | Identifiers | %(weight) | LD50/LC50 | Classifications According to Regulation/Directive | Comments |
| Acetic acid ethyl ester | **CAS:**141-78-6<br>**EC Number:**205-500-4<br>**UN:**UN1173 | 60% TO 100% | Ingestion/Oral-Rat LD50 • 5620 mg/kg<br>Inhalation-Rat LC50 • 200 g/m³<br>Skin-Rabbit LD50 • >20 mL/kg | **EU DSD/DPD:** Annex I - F, R11; Xi R36 R66, R67<br>**EU CLP:** Annex VI - Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3: Narc., H336; EUH066<br>**OSHA HCS 2012:** Eye Irrit. 2A; STOT SE 3: Narc & Resp. Irrit; Acute Tox 4 (inhalation) | NDA |
| Acrylic Polymer | NDA | 1% TO 5% | NDA | **EU DSD/DPD:** Data Lacking<br>**EU CLP:** Data Lacking<br>**OSHA HCS 2012:** Data Lacking | |
| Toluene | **CAS:**108-88-3<br>**EC Number:**203-625-9<br>**UN:**UN1294 | 1% TO 5% | Ingestion/Oral-Rat LD50 • 636 mg/kg<br>Inhalation-Rat LC50 • 49 g/m³ 4 Hour(s)<br>Skin-Rabbit LD50 • 14100 µL/kg | **EU DSD/DPD:** Annex I - F, R11 Repr. Cat. 3; R63 Xn; R48/20-65 Xi; R38 R67<br>**EU CLP:** Annex VI - Flam. Liq. 2, H225; Repr. 2, H361d; Asp. Tox. 1, H304; STOT RE 2 *, H373; Skin Irrit. 2, H315; STOT SE 3, H336<br>**OSHA HCS 2012:** Flam. Liq. 2; Repr. 2; Acute Tox 4 (Oral); STOT SE 3: Narc.; Asp. Tox 1; STOT RE 2 (CNS and Brain) | NDA |
| Isopropyl alcohol | **CAS:**67-63-0<br>**EC Number:**200-661-7<br>**UN:**UN1219 | 0.1% TO 1% | Inhalation-Rat LC50 • 16000 ppm 8 Hour(s)<br>Skin-Rabbit LD50 • 12800 mg/kg<br>Ingestion/Oral-Rat LD50 • 5000 mg/kg | **EU DSD/DPD:** Annex I - F, R11; Xi R36 R67<br>**EU CLP:** Annex VI - Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3: Narc, H336<br>**OSHA HCS 2012:** Eye Irrit. 2, Flam. Liq. 2, STOT SE 3: Narc. | NDA |

See Section 11 for Toxicological Information.

# Section 4 - First Aid Measures

## 4.1 Description of first aid measures

**Inhalation**
- Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Move victim to fresh air.

**Skin**
- In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin. In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Remove and isolate contaminated clothing and shoes. Wash skin with soap and water.

**Eye**
- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes.

**Ingestion**
- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If large quantities are swallowed, call a physician immediately.

## 4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

### 4.3 Indication of any immediate medical attention and special treatment needed

**Notes to Physician**
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## Section 5 - Firefighting Measures

### 5.1 Extinguishing media

**Suitable Extinguishing Media**
- SMALL FIRES: Dry chemical, CO2, water spray or alcohol-resistant foam.
  LARGE FIRES: Water spray, fog or alcohol-resistant foam.
  CAUTION: For mixtures containing a high percentage of an alcohol or polar solvent, alcohol-resistant foam may be more effective.

**Unsuitable Extinguishing Media**
- Water may be ineffective on flames, but may be used to keep fire exposed vessels cool.

### 5.2 Special hazards arising from the substance or mixture

**Unusual Fire and Explosion Hazards**
- HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames.
  Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).
  Vapor explosion hazard indoors, outdoors or in sewers.
  Vapors may form explosive mixtures with air.
  Vapors may travel to source of ignition and flash back.
  Containers may explode when heated.
  Many liquids are lighter than water.
  Runoff to sewer may create fire or explosion hazard.

**Hazardous Combustion Products**
- Carbon Monoxide.

### 5.3 Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection.
  Wear positive pressure self-contained breathing apparatus (SCBA).
  Move containers from fire area if you can do it without risk.
  LARGE FIRES: Cool containers with flooding quantities of water until well after fire is out.

## Section 6 - Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**Personal Precautions**
- CAUTION: Victim may be a source of contamination. Do not touch or walk through spilled material.

**Emergency Procedures**
- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions. LARGE SPILL: Consider initial downwind evacuation for at least 300 meters (1000 feet) ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area) Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

### 6.2 Environmental precautions

- Prevent entry into waterways, sewers, basements or confined areas.

### 6.3 Methods and material for containment and cleaning up

**Containment/Clean-up Measures**
- Stop leak if you can do it without risk.
  Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
  Use clean non-sparking tools to collect absorbed material.
  A vapor suppressing foam may be used to reduce vapors.

All equipment used when handling the product must be grounded.
LARGE SPILLS: Dike far ahead of liquid spill for later disposal.
LARGE SPILLS: Water spray may reduce vapor; but may not prevent ignition in closed spaces.

### 6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

## Section 7 - Handling and Storage

### 7.1 Precautions for safe handling

**Handling** • Avoid contact with skin, eyes or clothing. Handle and open container with care. Keep away from fire. Keep away from heat and sparks.

### 7.2 Conditions for safe storage, including any incompatibilities

**Storage** • Store in a well-ventilated place. Keep container tightly closed. Store locked up. Keep away from fire.

### 7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

## Section 8 - Exposure Controls/Personal Protection

### 8.1 Control parameters

**Exposure Limits/Guidelines**

| | Result | ACGIH | Canada Ontario | Canada Quebec | China | Europe |
|---|---|---|---|---|---|---|
| Isopropyl alcohol (67-63-0) | STELs | 400 ppm STEL | 400 ppm STEL | 500 ppm STEV; 1230 mg/m3 STEV | 700 mg/m3 STEL | Not established |
| | TWAs | 200 ppm TWA | 200 ppm TWA | 400 ppm TWAEV; 985 mg/m3 TWAEV | 350 mg/m3 TWA | Not established |
| Toluene (108-88-3) | STELs | Not established | Not established | Not established | 100 mg/m3 STEL | 100 ppm STEL; 384 mg/m3 STEL |
| | TWAs | 20 ppm TWA | 20 ppm TWA | 50 ppm TWAEV; 188 mg/m3 TWAEV | 50 mg/m3 TWA | 50 ppm TWA; 192 mg/m3 TWA |
| Acetic acid ethyl ester (141-78-6) | STELs | Not established | Not established | Not established | 300 mg/m3 STEL | Not established |
| | TWAs | 400 ppm TWA | 400 ppm TWA | 400 ppm TWAEV; 1440 mg/m3 TWAEV | 200 mg/m3 TWA | Not established |

**Exposure Limits/Guidelines (Con't.)**

| | Result | Germany DFG | Germany TRGS | NIOSH | OSHA |
|---|---|---|---|---|---|
| Isopropyl alcohol (67-63-0) | TWAs | Not established | 200 ppm TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2); 500 mg/m3 TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2) | 400 ppm TWA; 980 mg/m3 TWA | 400 ppm TWA; 980 mg/m3 TWA |
| | STELs | Not established | Not established | 500 ppm STEL; 1225 mg/m3 STEL | Not established |
| | Ceilings | 400 ppm Peak; 1000 mg/m3 Peak | Not established | Not established | Not established |
| | MAKs | 200 ppm TWA MAK; 500 mg/m3 TWA MAK | Not established | Not established | Not established |
| Toluene (108-88-3) | Ceilings | 200 ppm Peak; 760 mg/m3 Peak | Not established | Not established | 300 ppm Ceiling |
| | TWAs | Not established | 50 ppm TWA AGW (The | 100 ppm TWA; 375 | 200 ppm TWA |

| | | | | | |
|---|---|---|---|---|---|
| | | | risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 4); 190 mg/m3 TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 4) | mg/m3 TWA | |
| | STELs | Not established | Not established | 150 ppm STEL; 560 mg/m3 STEL | Not established |
| | MAKs | 50 ppm TWA MAK; 190 mg/m3 TWA MAK | Not established | Not established | Not established |
| Acetic acid ethyl ester (141-78-6) | TWAs | Not established | 400 ppm TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2); 1500 mg/m3 TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2) | 400 ppm TWA; 1400 mg/m3 TWA | 400 ppm TWA; 1400 mg/m3 TWA |
| | Ceilings | 800 ppm Peak; 3000 mg/m3 Peak | Not established | Not established | Not established |
| | MAKs | 400 ppm TWA MAK; 1500 mg/m3 TWA MAK | Not established | Not established | Not established |

### Exposure Control Notations

**China**

•Toluene (108-88-3): **Skin:** (Skin notation)

**Canada Quebec**

•Toluene (108-88-3): **Skin:** (Skin designation)

**ACGIH**

•Isopropyl alcohol (67-63-0): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)

•Toluene (108-88-3): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)

**Germany TRGS**

•Toluene (108-88-3): **Skin:** (skin notation)

**Germany DFG**

•Acetic acid ethyl ester (141-78-6): **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to)

•Isopropyl alcohol (67-63-0): **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to)

•Toluene (108-88-3): **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to) | **Skin:** (skin notation)

### Exposure Limits Supplemental

**ACGIH**

•Acetic acid ethyl ester (141-78-6): **TLV Basis - Critical Effects:** (eye and upper respiratory tract irritation)

•Isopropyl alcohol (67-63-0): **BEIs:** (40 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Acetone (background, nonspecific)) | **TLV Basis - Critical Effects:** (CNS impairment; eye and upper respiratory tract irritation)

•Toluene (108-88-3): **BEIs:** (0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene; 0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene; 0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background)) | **TLV Basis - Critical Effects:** (female reproductive; pregnancy loss; visual impairment)

## 8.2 Exposure controls

**Engineering Measures/Controls**

- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable exposure limit values.

**Personal Protective Equipment**

**Respiratory**

- In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

| | |
|---|---|
| **Eye/Face** | • Face shield, safety glasses, or chemical safety goggles should be worn at a minimum. Have emergency eyewash or safety shower in close proximity. |
| **Skin/Body** | • Chemical-resistant, impervious gloves should be worn at all times when handling this product. |
| **Environmental Exposure Controls** | • Follow best practice for site management and disposal of waste. |

## Section 9 - Physical and Chemical Properties

### 9.1 Information on Physical and Chemical Properties

| | | | |
|---|---|---|---|
| **Material Description** | | | |
| Physical Form | Liquid | Appearance/Description | Slightly cloudy liquid with a sweet solvent odor. |
| Color | Cloudy | Odor | Sweet solvent odor. |
| Odor Threshold | Data lacking | | |
| **General Properties** | | | |
| Boiling Point | 77 C(170.6 F) | Melting Point | Data lacking |
| Decomposition Temperature | Data lacking | pH | Data lacking |
| Specific Gravity/Relative Density | 0.89 Water=1 @ 4 C(39.2 F) | Water Solubility | 8 % |
| Viscosity | Data lacking | Explosive Properties | Data lacking |
| Oxidizing Properties: | Data lacking | | |
| **Volatility** | | | |
| Vapor Pressure | 76 mmHg (torr) @ 20 C(68 F) | Vapor Density | 3 Air=1 |
| Evaporation Rate | 6.15 n-Butyl Acetate = 1 | | |
| **Flammability** | | | |
| Flash Point | 27 F(-2.7778 C) CC (Closed Cup) | UEL | 11 % |
| LEL | 2.2 % | Autoignition | Data lacking |
| Flammability (solid, gas) | Data lacking | | |
| **Environmental** | | | |
| Octanol/Water Partition coefficient | Data lacking | | |

### 9.2 Other Information

- No additional physical and chemical parameters noted.

## Section 10: Stability and Reactivity

### 10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

- Stable under normal temperatures and pressures.

### 10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

### 10.4 Conditions to avoid

- Sparks, fire, heat.

### 10.5 Incompatible materials

- Strong oxidizing agents, strong alkalies.

### 10.6 Hazardous decomposition products

- Thermal oxidative decomposition of can produce CO, CO2, Oxides of Nitrogen.

## Section 11 - Toxicological Information

### 11.1 Information on toxicological effects

| Component Name | CAS | Data |
|---|---|---|
| Acetic acid ethyl ester (60% TO 100%) | 141-78-6 | **Acute Toxicity:** orl-rat LD50:5620 mg/kg; ihl-rat LC50:1600 ppm/8H; **Irritation:** eye-hmn 400 ppm |
| Toluene (1% TO 5%) | 108-88-3 | **Acute Toxicity:** orl-rat LD50:636 mg/kg; ihl-rat LC50:49 gm/m3/4H; skn-rbt LD50:14100 uL/kg; **Irritation:** eye-rbt 100 mg/30S rinse MLD; skn-rbt 435 mg MLD; **Reproductive:** ihl-rat TCLo:1500 ppm (7-20D preg) |
| Isopropyl alcohol (0.1% TO 1%) | 67-63-0 | **Acute Toxicity:** orl-rat LD50:5045 mg/kg; ihl-rat LC50:16000 ppm/8H; skn-rbt LD50:12800 mg/kg |

| GHS Properties | Classification |
|---|---|
| Acute toxicity | **EU/CLP**•Classification criteria not met<br>**OSHA HCS 2012**•Acute Toxicity 4 (Inhalation) - ATE Mix = 15.09 mg/l via inhilation with 1.35-1.8% Unknowns |
| Aspiration Hazard | **EU/CLP**•Classification criteria not met<br>**OSHA HCS 2012**•Classification criteria not met |
| Carcinogenicity | **EU/CLP**•Classification criteria not met<br>**OSHA HCS 2012**•Classification criteria not met |
| Germ Cell Mutagenicity | **EU/CLP**•Classification criteria not met<br>**OSHA HCS 2012**•Classification criteria not met |
| Skin corrosion/Irritation | **EU/CLP**•Classification criteria not met<br>**OSHA HCS 2012**•Classification criteria not met |
| Skin sensitization | **EU/CLP**•Classification criteria not met<br>**OSHA HCS 2012**•Classification criteria not met |
| STOT-RE | **EU/CLP**•Classification criteria not met<br>**OSHA HCS 2012**•Specific Target Organ Toxicity Repeated Exposure 2 |
| STOT-SE | **EU/CLP**•Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects<br>**OSHA HCS 2012**•Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects;Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation |
| Toxicity for Reproduction | **EU/CLP**•Classification criteria not met<br>**OSHA HCS 2012**•Classification criteria not met |
| Respiratory sensitization | **EU/CLP**•Classification criteria not met<br>**OSHA HCS 2012**•Classification criteria not met |
| Serious eye damage/irritation | **EU/CLP**•Eye Irritation 2<br>**OSHA HCS 2012**•Eye Irritation 2A |

**Route(s) of entry/exposure** • Inhalation, Eye

**Potential Health Effects**

**Inhalation**

**Acute (Immediate)** • May cause respiratory irritation. May affect the central nervous system. Symptoms may include dizziness, drowsiness, lethargy, coma and death.

**Chronic (Delayed)** • No data available.

**Skin**

**Acute (Immediate)** • May cause irritation.

**Chronic (Delayed)** • No data available.

**Eye**

**Acute (Immediate)** • Causes serious eye irritation.

**Chronic (Delayed)** • No data available.

**Ingestion**

**Acute (Immediate)** • May cause irritation.

**Chronic (Delayed)** • No data available.

## Section 12 - Ecological Information

### 12.1 Toxicity

• No information available for the product.

### 12.2 Persistence and degradability

• Material data lacking.

### 12.3 Bioaccumulative potential

• Material data lacking.

### 12.4 Mobility in Soil

• Material data lacking.

### 12.5 Results of PBT and vPvB assessment

• No PBT and vPvB assessment has been conducted.

### 12.6 Other adverse effects

• No studies have been found.

## Section 13 - Disposal Considerations

### 13.1 Waste treatment methods

**Product waste** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Packaging waste** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## Section 14 - Transport Information

| | 14.1 UN number | 14.2 UN proper shipping name | 14.3 Transport hazard class(es) | 14.4 Packing group | 14.5 Environmental hazards |
|---|---|---|---|---|---|
| DOT | UN1133 | Adhesives, containing a flammable liquid | 3 | II | NDA |
| TDG | UN1133 | ADHESIVES containing flammable liquid | 3 | II | Potential Marine Pollutant |
| IMO/IMDG | UN1133 | ADHESIVES CONTAINING A FLAMMABLE LIQUID | 3 | II | NDA |
| IATA/ICAO | UN1133 | Adhesives containing flammable liquid | 3 | II | NDA |

**14.6 Special precautions for user** • None known.

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

**14.8 Other information**

**DOT** • According to 49 CFR 172.101 Appendix A ethyl acetate (Acetic acid ethyl ester) has a reportable quantity of 5000lbs (2270kg) According to 49 CFR 172.101 Appendix A toluene has a reportable quantity of 1000lbs (454kg).

## Section 15 - Regulatory Information

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

**SARA Hazard Classifications** • Acute, Chronic, Fire

| State Right To Know | | | | |
|---|---|---|---|---|
| Component | CAS | MA | NJ | PA |
| Acetic acid ethyl ester | 141-78-6 | Yes | Yes | Yes |
| Acrylic Polymer | NDA | No | No | No |
| Toluene | 108-88-3 | Yes | Yes | Yes |
| *Proprietary* | *Proprietary* | No | No | No |
| *Proprietary* | *Proprietary* | No | No | No |
| Isopropyl alcohol | 67-63-0 | Yes | Yes | Yes |

| Inventory | | | | | | |
|---|---|---|---|---|---|---|
| Component | CAS | Canada DSL | Canada NDSL | China | EU EINECS | EU ELNICS |
| Acetic acid ethyl ester | 141-78-6 | Yes | No | Yes | Yes | No |
| Acrylic Polymer | NDA | No | No | No | No | No |
| Toluene | 108-88-3 | Yes | No | Yes | Yes | No |
| *Proprietary* | *Proprietary* | Yes | No | Yes | No | No |
| *Proprietary* | *Proprietary* | No | Yes | Yes | No | No |
| Isopropyl alcohol | 67-63-0 | Yes | No | Yes | Yes | No |

| Inventory (Con't.) | | | | |
|---|---|---|---|---|
| Component | CAS | Japan ENCS | Korea KECL | TSCA |
| Acetic acid ethyl ester | 141-78-6 | Yes | Yes | Yes |
| Acrylic Polymer | NDA | No | No | No |
| Toluene | 108-88-3 | Yes | Yes | Yes |
| *Proprietary* | *Proprietary* | No | No | Yes |
| *Proprietary* | *Proprietary* | No | Yes | Yes |
| Isopropyl alcohol | 67-63-0 | Yes | Yes | Yes |

### Australia

#### Labor

**Australia - Work Health and Safety Regulations - Hazardous Substances Requiring Health Monitoring**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**Australia - High Volume Industrial Chemicals List**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | |
| •Toluene | 108-88-3 | 1% TO 5% | |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**Australia - List of Designated Hazardous Substances - Classification**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | F, Xi R11, R36, R66, R67 |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | F, Xi R11, R36, R67 |
| •Toluene | 108-88-3 | 1% TO 5% | F, Xn, Xi Repr.Cat.3 R11, R63, R48/20, R65, R38, R67 |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

#### Environment

**Australia - National Pollutant Inventory (NPI) Substance List**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | 10 tonne/yr Threshold category 1 |

| | | | |
|---|---|---|---|
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | 10 tonne/yr Threshold category 1 |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**Australia - Ozone Protection Act - Scheduled Substances**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**Australia - Priority Existing Chemical Program**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Candidate chemical |
| •Toluene | 108-88-3 | 1% TO 5% | Candidate chemical |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

## Canada

### Labor

**Canada - WHMIS - Classifications of Substances**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | B2 |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | B2, D2B (including 70%) |
| •Toluene | 108-88-3 | 1% TO 5% | B2, D2A, D2B |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**Canada - WHMIS - Ingredient Disclosure List**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | 1 % |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | 1 % |
| •Toluene | 108-88-3 | 1% TO 5% | 1 % |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

### Environment

**Canada - CEPA - Priority Substances List**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | Priority Substance List 1 (substance not considered toxic) |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

## Europe

### Other

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | F; R11 Xi; R36 R66 R67 |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | F; R11 Xi; R36 R67 |
| •Toluene | 108-88-3 | 1% TO 5% | F; R11 Xi; R38 Xn; R48/20-65 Repr.Cat.3; R63 R67 |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | F Xi R:11-36-66-67 S:(2)-16-26-33 |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | F Xi R:11-36-67 S:(2)-7-16-24/25-26 |
| •Toluene | 108-88-3 | 1% TO 5% | F Xn R:11-38-48/20-63-65-67 S:(2)-36/37-46-62 |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |

| | | | |
|---|---|---|---|
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | S:(2)-16-26-33 |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | S:(2)-7-16-24/25-26 |
| •Toluene | 108-88-3 | 1% TO 5% | S:(2)-36/37-46-62 |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

## Mexico

### Other

**Mexico - Hazard Classifications**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Hazard Class = 3 PG = II UN1173 |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Hazard Class = 3 PG = II UN1219 |
| •Toluene | 108-88-3 | 1% TO 5% | Hazard Class = 3 PG = II UN1294 |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**Mexico - Regulated Substances**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | UN1173 |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | UN1219 |
| •Toluene | 108-88-3 | 1% TO 5% | UN1294 |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

## United States

### Labor

**U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**U.S. - OSHA - Specifically Regulated Chemicals**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

### Environment

**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

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

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | 5000 lb final RQ; 2270 kg final RQ |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | 1000 lb final RQ; 454 kg final RQ |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |

| | | | |
|---|---|---|---|
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**U.S. - CERCLA/SARA - Section 313 - Emission Reporting**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | 1.0 % de minimis concentration (only if manufactured by the strong acid process, no supplier notification) |
| •Toluene | 108-88-3 | 1% TO 5% | 1.0 % de minimis concentration |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**U.S. - CWA (Clean Water Act) - Hazardous Substances**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**U.S. - CWA (Clean Water Act) - Toxic Pollutants**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

## United States - California

### Environment

**U.S. - California - Proposition 65 - Carcinogens List**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**U.S. - California - Proposition 65 - Developmental Toxicity**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | developmental toxicity, initial date 1/1/91 |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | 7000 µg/day MADL (level represents absorbed dose) |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**U.S. - California - Proposition 65 - Reproductive Toxicity - Female**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | female reproductive toxicity, initial date 8/7/09 |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**U.S. - California - Proposition 65 - Reproductive Toxicity - Male**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

## United States - Pennsylvania

### Labor

**U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | |
| •Toluene | 108-88-3 | 1% TO 5% | |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

**U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Not Listed |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Not Listed |
| •Toluene | 108-88-3 | 1% TO 5% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

## United States - Rhode Island

### Labor

**U.S. - Rhode Island - Hazardous Substance List**

| | | | |
|---|---|---|---|
| •Acetic acid ethyl ester | 141-78-6 | 60% TO 100% | Toxic; Flammable |
| •Isopropyl alcohol | 67-63-0 | 0.1% TO 1% | Toxic; Flammable |
| •Toluene | 108-88-3 | 1% TO 5% | Toxic (skin); Flammable (skin) |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |
| •*Proprietary* | *Proprietary* | 1.35% TO 1.8% | Not Listed |

## 15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## Section 16 - Other Information

**Last Revision Date** • 20/July/2015

**Preparation Date** • 16/April/2015

**Key to abbreviations**

NDA = No data available

**Disclaimer/Statement of Liability**

- Reasonable care has been taken in the preparation of this information, but the supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make his own tests to determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental and/or consequential property damage arising out of the use of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Material Safety Data Sheet before handling product.