

This is a kit that contains the following components:  
THC 901 NEUTRAL BASE  
THC 901 CURING AGENT

# SAFETY DATA SHEET

## 1. Identification

**Product identifier:** THC 901 NEUTRAL BASE  
**Product Code:** 868105 802

### Recommended use and restriction on use

**Recommended use:** Sealant  
**Restrictions on use:** Not known.

### Manufacturer/Importer/Supplier/Distributor Information

Tremco U.S Sealants  
3735 Green Road  
Beachwood OH 44122  
US

**Contact person:** EH&S Department  
**Telephone:** 216-292-5000  
**Emergency telephone number:** 1-800-424-9300 (US); 1-613-996-6666 (Canada)

## 2. Hazard(s) identification

### Hazard Classification

#### Health Hazards

|                       |             |
|-----------------------|-------------|
| Carcinogenicity       | Category 2  |
| Toxic to reproduction | Category 1B |

#### Unknown toxicity - Health

|  |         |
|--|---------|
| Acute toxicity, oral                     | 38.16 % |
| Acute toxicity, dermal                   | 38.27 % |
| Acute toxicity, inhalation, vapor        | 99.88 % |
| Acute toxicity, inhalation, dust or mist | 94.4 %  |

### Environmental Hazards

|  |            |
|--|------------|
| Acute hazards to the aquatic environment | Category 2 |
|--|------------|

#### Unknown toxicity - Environment

|  |         |
|--|---------|
| Acute hazards to the aquatic environment   | 87.15 % |
| Chronic hazards to the aquatic environment | 100 %   |

### Environmental Hazards

|  |            |
|--|------------|
| Acute hazards to the aquatic environment | Category 2 |
|--|------------|

**Unknown toxicity - Environment**

|  |         |
|--|---------|
| Acute hazards to the aquatic environment   | 87.15 % |
| Chronic hazards to the aquatic environment | 100 %   |

**Label Elements**

**Hazard Symbol:**



**Signal Word:** Danger

**Hazard Statement:** Suspected of causing cancer.  
May damage fertility or the unborn child.  
Toxic to aquatic life.

**Precautionary Statements**

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Avoid release to the environment.

**Response:** IF exposed or concerned: Get medical advice/attention.

**Storage:** Store locked up.

**Disposal:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Hazard(s) not otherwise classified (HNOC):** None.

**3. Composition/information on ingredients**

**Mixtures**

| Chemical Identity             | CAS number | Content in percent (%)* |
|-------------------------------|------------|-------------------------|
| Calcium Carbonate (Limestone) | 1317-65-3  | 20 - <50%               |
| Butyl benzyl phthalate        | 85-68-7    | 5 - <10%                |
| Petroleum distillates         | 64742-47-8 | 1 - <5%                 |
| Aliphatic naphtha             | 64742-88-7 | 1 - <5%                 |
| Xylene                        | 1330-20-7  | 1 - <5%                 |

|              |          |           |
|--------------|----------|-----------|
| Ethylbenzene | 100-41-4 | 0.1 - <1% |
| Toluene      | 108-88-3 | 0.1 - <1% |
| Nonane       | 111-84-2 | 0.1 - <1% |

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

## 4. First-aid measures

|                      |   |
|----------------------|---|
| <b>Ingestion:</b>    | Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.  |
| <b>Inhalation:</b>   | Move to fresh air.  |
| <b>Skin Contact:</b> | Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention.  |
| <b>Eye contact:</b>  | Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. If eye irritation persists: Get medical advice/attention. |

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

|                  |                    |
|------------------|--------------------|
| <b>Symptoms:</b> | No data available. |
| <b>Hazards:</b>  | No data available. |

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

|                   |                    |
|-------------------|--------------------|
| <b>Treatment:</b> | No data available. |
|-------------------|--------------------|

## 5. Fire-fighting measures

**General Fire Hazards:** No unusual fire or explosion hazards noted.

### Suitable (and unsuitable) extinguishing media

|  |  |
|--|--|
| <b>Suitable extinguishing media:</b>               | Use fire-extinguishing media appropriate for surrounding materials.    |
| <b>Unsuitable extinguishing media:</b>             | Do not use water jet as an extinguisher, as this will spread the fire. |
| <b>Specific hazards arising from the chemical:</b> | During fire, gases hazardous to health may be formed.                  |

### Special protective equipment and precautions for firefighters

|  |   |
|--|---|
| <b>Special fire fighting procedures:</b>               | No data available.  |
| <b>Special protective equipment for fire-fighters:</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:**

No data available.

**Methods and material for containment and cleaning up:**

Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

**Notification Procedures:**

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

**Environmental Precautions:**

Avoid release to the environment. Prevent further leakage or spillage if safe to do so.

## 7. Handling and storage

**Precautions for safe handling:**

Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Ventilate well, avoid breathing vapors. Use approved respirator if air contamination is above accepted level. Use mechanical ventilation in case of handling which causes formation of dust.

**Conditions for safe storage, including any incompatibilities:**

Store locked up.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

| Chemical Identity   | Type | Exposure Limit Values         | Source  |
|---|------|-------------------------------|---|
| Calcium Carbonate (Limestone) - Total dust.                       | PEL  | 15 mg/m <sup>3</sup>          | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| Calcium Carbonate (Limestone) - Respirable fraction.              | PEL  | 5 mg/m <sup>3</sup>           | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| Petroleum distillates - Non-aerosol. - as total hydrocarbon vapor | TWA  | 200 mg/m <sup>3</sup>         | US. ACGIH Threshold Limit Values (2011)                                     |
|   | TWA  | 200 mg/m <sup>3</sup>         | US. ACGIH Threshold Limit Values (2011)                                     |
| Aliphatic naphtha - Non-aerosol. - as total hydrocarbon vapor     | TWA  | 200 mg/m <sup>3</sup>         | US. ACGIH Threshold Limit Values (03 2014)                                  |
| Aliphatic naphtha   | PEL  | 100 ppm 400 mg/m <sup>3</sup> | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (01 2017) |
| Xylene  | STEL | 150 ppm 655 mg/m <sup>3</sup> | US. NIOSH: Pocket Guide to Chemical Hazards (2010)                          |
|   | REL  | 100 ppm 435 mg/m <sup>3</sup> | US. NIOSH: Pocket Guide to Chemical Hazards (2010)                          |
|   | STEL | 150 ppm 655 mg/m <sup>3</sup> | US. NIOSH: Pocket Guide to Chemical Hazards (2010)                          |
|   | REL  | 100 ppm 435 mg/m <sup>3</sup> | US. NIOSH: Pocket Guide to Chemical Hazards (2010)                          |
|   | STEL | 150 ppm 655 mg/m <sup>3</sup> | US. NIOSH: Pocket Guide to Chemical Hazards (2010)                          |
|   | REL  | 100 ppm 435 mg/m <sup>3</sup> | US. NIOSH: Pocket Guide to Chemical Hazards (2010)                          |

|              |           |         |           |  |
|--------------|-----------|---------|-----------|--|
|              | STEL      | 150 ppm | 655 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)   |
|              | TWA       | 100 ppm | 435 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)   |
|              | TWA       | 100 ppm | 435 mg/m3 | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)                     |
|              | STEL      | 150 ppm | 655 mg/m3 | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)                     |
|              | ST ESL    |         | 350 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (07 2011)  |
|              | ST ESL    |         | 80 ppb    | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (07 2011)  |
|              | AN ESL    |         | 42 ppb    | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (07 2011)  |
|              | AN ESL    |         | 180 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (07 2011)  |
|              | STEL      | 150 ppm | 655 mg/m3 | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (08 2010) |
|              | Ceiling   | 300 ppm |           | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (08 2010) |
|              | TWA PEL   | 100 ppm | 435 mg/m3 | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (08 2010) |
|              | TWA       | 100 ppm |           | US. ACGIH Threshold Limit Values (2011)  |
|              | STEL      | 150 ppm |           | US. ACGIH Threshold Limit Values (2011)  |
|              | PEL       | 100 ppm | 435 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)                |
| Ethylbenzene | TWA       | 20 ppm  |           | US. ACGIH Threshold Limit Values (2011)  |
|              | PEL       | 100 ppm | 435 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)                |
| Toluene      | TWA       | 20 ppm  |           | US. ACGIH Threshold Limit Values (2011)  |
|              | TWA       | 200 ppm |           | US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006)  |
|              | Ceiling   | 300 ppm |           | US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006)  |
|              | MAX. CONC | 500 ppm |           | US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006)  |
| Nonane       | TWA       | 200 ppm |           | US. ACGIH Threshold Limit Values (02 2012)   |

| Chemical name                               | Type | Exposure Limit Values | Source  |
|---|------|-----------------------|---|
| Calcium Carbonate (Limestone) - Total dust. | STEL | 20 mg/m3              | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
|   | TWA  | 10 mg/m3              | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |

|   |      |         |                       |   |
|---|------|---------|-----------------------|---|
| Calcium Carbonate (Limestone) - Respirable fraction.              | TWA  |         | 3 mg/m <sup>3</sup>   | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Calcium Carbonate (Limestone) - Total dust.                       | TWA  |         | 10 mg/m <sup>3</sup>  | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
| Petroleum distillates - Non-aerosol. - as total hydrocarbon vapor | TWA  |         | 200 mg/m <sup>3</sup> | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Petroleum distillates   | TWA  |         | 525 mg/m <sup>3</sup> | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
| Petroleum distillates - Non-aerosol. - as total hydrocarbon vapor | TWA  |         | 200 mg/m <sup>3</sup> | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
|   | TWA  |         | 200 mg/m <sup>3</sup> | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
| Xylene  | TWA  | 100 ppm | 434 mg/m <sup>3</sup> | Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009)   |
|   | STEL | 150 ppm | 651 mg/m <sup>3</sup> | Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009)   |
| Xylene  | TWA  | 100 ppm |                       | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
|   | STEL | 150 ppm |                       | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Xylene  | TWA  | 100 ppm |                       | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
|   | STEL | 150 ppm |                       | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
| Xylene  | STEL | 150 ppm | 651 mg/m <sup>3</sup> | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
|   | TWA  | 100 ppm | 434 mg/m <sup>3</sup> | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
| Ethylbenzene  | TWA  | 20 ppm  |                       | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (09 2011) |
| Ethylbenzene  | TWA  | 20 ppm  |                       | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015)  |
| Ethylbenzene  | STEL | 125 ppm | 543 mg/m <sup>3</sup> | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
|   | TWA  | 100 ppm | 434 mg/m <sup>3</sup> | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
| Toluene   | TWA  | 20 ppm  |                       | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Toluene   | TWA  | 20 ppm  |                       | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
| Toluene   | TWA  | 50 ppm  | 188 mg/m <sup>3</sup> | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |

| Chemical name   | Type | Exposure Limit Values           | Source  |
|---|------|---------------------------------|---|
| Calcium Carbonate (Limestone) - Total dust.                       | STEL | 20 mg/m <sup>3</sup>            | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
|   | TWA  | 10 mg/m <sup>3</sup>            | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Calcium Carbonate (Limestone) - Respirable fraction.              | TWA  | 3 mg/m <sup>3</sup>             | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Calcium Carbonate (Limestone) - Total dust.                       | TWA  | 10 mg/m <sup>3</sup>            | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
| Petroleum distillates - Non-aerosol. - as total hydrocarbon vapor | TWA  | 200 mg/m <sup>3</sup>           | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Petroleum distillates   | TWA  | 525 mg/m <sup>3</sup>           | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
| Petroleum distillates - Non-aerosol. - as total hydrocarbon vapor | TWA  | 200 mg/m <sup>3</sup>           | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
|   | TWA  | 200 mg/m <sup>3</sup>           | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
| Aliphatic naphtha - Non-aerosol. - as total hydrocarbon vapor     | TWA  | 200 mg/m <sup>3</sup>           | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (05 2013) |
| Aliphatic naphtha - Non-aerosol. - as total hydrocarbon vapor     | TWA  | 200 mg/m <sup>3</sup>           | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
| Aliphatic naphtha   | TWA  | 400 ppm 1,590 mg/m <sup>3</sup> | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
| Xylene  | TWA  | 100 ppm 434 mg/m <sup>3</sup>   | Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009)   |
|   | STEL | 150 ppm 651 mg/m <sup>3</sup>   | Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009)   |
| Xylene  | TWA  | 100 ppm                         | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
|   | STEL | 150 ppm                         | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Xylene  | TWA  | 100 ppm                         | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
|   | STEL | 150 ppm                         | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
| Xylene  | STEL | 150 ppm 651 mg/m <sup>3</sup>   | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
|   | TWA  | 100 ppm 434 mg/m <sup>3</sup>   | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |



|                   |      |                     |   |
|-------------------|------|---------------------|---|
| Ethylbenzene      | TWA  | 20 ppm              | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (09 2011) |
| Ethylbenzene      | TWA  | 20 ppm              | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015)  |
| Ethylbenzene      | STEL | 125 ppm 543 mg/m3   | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
|                   | TWA  | 100 ppm 434 mg/m3   | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
| Toluene           | TWA  | 20 ppm              | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Toluene           | TWA  | 20 ppm              | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
| Toluene           | TWA  | 50 ppm 188 mg/m3    | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
| Nonane            | TWA  | 200 ppm             | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (05 2013) |
| Nonane            | TWA  | 200 ppm             | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015)  |
| Nonane            | TWA  | 200 ppm 1,050 mg/m3 | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008)  |
| Dibutyl phthalate | TWA  | 5 mg/m3             | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Dibutyl phthalate | TWA  | 5 mg/m3             | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
| Dibutyl phthalate | TWA  | 5 mg/m3             | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
| Benzene           | STEL | 2.5 ppm             | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
|                   | TWA  | 0.5 ppm             | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Benzene           | TWA  | 0.5 ppm             | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015)  |
|                   | STEL | 2.5 ppm             | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015)  |
| Benzene           | TWA  | 1 ppm 3 mg/m3       | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
|                   | STEL | 5 ppm 15.5 mg/m3    | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
| Naphthalene       | STEL | 15 ppm              | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
|                   | TWA  | 10 ppm              | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |

|  |      |        |           |   |
|--|------|--------|-----------|---|
| Naphthalene  | TWA  | 10 ppm |           | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
|  | STEL | 15 ppm |           | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
| Naphthalene  | TWA  | 10 ppm | 52 mg/m3  | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
|  | STEL | 15 ppm | 79 mg/m3  | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
| Cumene   | STEL | 75 ppm |           | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
|  | TWA  | 25 ppm |           | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Cumene   | TWA  | 50 ppm |           | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
| Cumene   | TWA  | 50 ppm | 246 mg/m3 | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
| 2-Ethylhexanoic acid - Vapor and aerosol, inhalable. | TWA  |        | 5 mg/m3   | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| 2-Ethylhexanoic acid - Inhalable fraction and vapor. | TWA  |        | 5 mg/m3   | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
| Ethyl Acrylate                                       | TWA  | 5 ppm  |           | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
|  | STEL | 15 ppm |           | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Ethyl Acrylate                                       | TWA  | 5 ppm  |           | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
|  | STEL | 15 ppm |           | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
| Ethyl Acrylate                                       | STEL | 15 ppm | 61 mg/m3  | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
|  | TWA  | 5 ppm  | 20 mg/m3  | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |

### Biological Limit Values

| Chemical Identity  | Exposure Limit Values          | Source              |
|--|--------------------------------|---------------------|
| Xylene (Methylhippuric acids: Sampling time: End of shift.)                                | 1.5 g/g (Creatinine in urine)  | ACGIH BEI (03 2013) |
| Ethylbenzene (Sum of mandelic acid and phenylglyoxylic acid: Sampling time: End of shift.) | 0.15 g/g (Creatinine in urine) | ACGIH BEI (02 2014) |
| Toluene (o-Cresol, with hydrolysis: Sampling time: End of shift.)                          | 0.3 mg/g (Creatinine in urine) | ACGIH BEI (03 2013) |
| Toluene (toluene: Sampling time: Prior to last shift of work week.)                        | 0.02 mg/l (Blood)              | ACGIH BEI (03 2013) |
| Toluene (toluene: Sampling time: End of shift.)  | 0.03 mg/l (Urine)              | ACGIH BEI (03 2013) |

### Appropriate Engineering Controls

Mechanical ventilation or local exhaust ventilation may be required. Observe good industrial hygiene practices. Observe occupational exposure limits and minimize the risk of inhalation of dust.

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

- General information:** Use personal protective equipment as required.
- Eye/face protection:** Wear goggles/face shield.
- Skin Protection**
- Hand Protection:** Use suitable protective gloves if risk of skin contact.
- Other:** No data available.
- Respiratory Protection:** In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.
- Hygiene measures:** Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use.

## 9. Physical and chemical properties

### Appearance

- Physical state:** solid
- Form:** Paste
- Color:** White
- Odor:** Mild
- Odor threshold:** No data available.
- pH:** No data available.
- Melting point/freezing point:** No data available.
- Initial boiling point and boiling range:** No data available.
- Flash Point:** No data available.
- Evaporation rate:** Slower than n-Butyl Acetate

|  |   |
|--|---|
| <b>Flammability (solid, gas):</b>                            | No  |
| <b>Upper/lower limit on flammability or explosive limits</b> |   |
| <b>Flammability limit - upper (%):</b>                       | No data available.  |
| <b>Flammability limit - lower (%):</b>                       | No data available.  |
| <b>Explosive limit - upper (%):</b>                          | No data available.  |
| <b>Explosive limit - lower (%):</b>                          | No data available.  |
| <b>Vapor pressure:</b>                                       | No data available.  |
| <b>Vapor density:</b>  | Vapors are heavier than air and may travel along the floor and in the bottom of containers. |
| <b>Relative density:</b>                                     | 1.2   |
| <b>Solubility(ies)</b>                                       |   |
| <b>Solubility in water:</b>                                  | Insoluble in water  |
| <b>Solubility (other):</b>                                   | No data available.  |
| <b>Partition coefficient (n-octanol/water):</b>              | No data available.  |
| <b>Auto-ignition temperature:</b>                            | No data available.  |
| <b>Decomposition temperature:</b>                            | No data available.  |
| <b>Viscosity:</b>  | No data available.  |

## 10. Stability and reactivity

|  |   |
|--|---|
| <b>Reactivity:</b>                         | No data available.  |
| <b>Chemical Stability:</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of hazardous reactions:</b> | No data available.  |
| <b>Conditions to avoid:</b>                | Avoid heat or contamination.  |
| <b>Incompatible Materials:</b>             | Alcohols. Amines. Strong acids. Avoid contact with oxidizing agents (e.g. nitric acid, peroxides and chromates). Strong bases. Water, moisture. |
| <b>Hazardous Decomposition Products:</b>   | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.   |

## 11. Toxicological information

### Information on likely routes of exposure

|                      |   |
|----------------------|---|
| <b>Inhalation:</b>   | In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes. |
| <b>Skin Contact:</b> | Causes mild skin irritation.  |
| <b>Eye contact:</b>  | Eye contact is possible and should be avoided.  |
| <b>Ingestion:</b>    | May be ingested by accident. Ingestion may cause irritation and malaise.                      |

### Symptoms related to the physical, chemical and toxicological characteristics

|                    |                    |
|--------------------|--------------------|
| <b>Inhalation:</b> | No data available. |
|--------------------|--------------------|

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Ingestion:** No data available.

#### Information on toxicological effects

##### Acute toxicity (list all possible routes of exposure)

###### Oral

**Product:** Not classified for acute toxicity based on available data.

###### Specified substance(s):

|                        |                            |
|------------------------|----------------------------|
| Butyl benzyl phthalate | LD 50 (Rat): 2,330 mg/kg   |
| Petroleum distillates  | LD 50 (Rat): > 5,000 mg/kg |
| Aliphatic naphtha      | LD 50 (Rat): > 5,000 mg/kg |
| Xylene                 | LD 50 (Rat): 3,523 mg/kg   |
| Ethylbenzene           | LD 50 (Rat): 3,500 mg/kg   |
| Toluene                | LD 50 (Rat): 5,580 mg/kg   |
| Nonane                 | LD 50 (Rat): > 5,000 mg/kg |

###### Dermal

**Product:** Not classified for acute toxicity based on available data.

**Specified substance(s):**

|                        |                                |
|------------------------|--------------------------------|
| Butyl benzyl phthalate | LD 50 (Rabbit): > 10,000 mg/kg |
| Petroleum distillates  | LD 50 (Rabbit): > 2,000 mg/kg  |
| Aliphatic naphtha      | LD 50 (Rabbit): > 2,000 mg/kg  |
| Xylene                 | LD 50 (Rabbit): 12,126 mg/kg   |
| Ethylbenzene           | LD 50 (Rabbit): 17,800 mg/kg   |
| Toluene                | LD 50 (Rabbit): > 5,000 mg/kg  |
| Nonane                 | LD 50 (Rabbit): > 2,000 mg/kg  |

**Inhalation  
Product:**

ATEmix: 8.63 mg/l

**Repeated dose toxicity  
Product:**

No data available.

**Skin Corrosion/Irritation  
Product:**

No data available.

**Specified substance(s):**

|                        |   |
|------------------------|---|
| Butyl benzyl phthalate | in vivo (Rabbit): Not irritant Experimental result, Key study   |
| Petroleum distillates  | in vivo (Rabbit): Irritating Experimental result, Key study   |
| Aliphatic naphtha      | in vivo (Rabbit): Irritating Experimental result, Key study   |
| Xylene                 | in vivo (Rabbit): Moderate irritant Experimental result, Weight of Evidence study                       |
| Toluene                | in vivo (Rabbit): Irritating Experimental result, Key study   |
| Nonane                 | in vivo (Rabbit): Irritating Read-across based on grouping of substances (category approach), Key study |

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.  
**Specified substance(s):**

|                        |                                       |
|------------------------|---------------------------------------|
| Butyl benzyl phthalate | Rabbit, 24 - 72 hrs: Not irritating   |
| Petroleum distillates  | Rabbit, 24 - 72 hrs: Not irritating   |
| Aliphatic naphtha      | Rabbit, 24 - 72 hrs: Not irritating   |
| Xylene                 | Rabbit, 24 hrs: Moderately irritating |
| Ethylbenzene           | Rabbit, 7 d: Slightly irritating      |
| Toluene                | Rabbit, 24 - 72 hrs: Not irritating   |
| Nonane                 | Rabbit, 24 - 72 hrs: Not irritating   |

**Respiratory or Skin Sensitization**

**Product:** No data available.

**Carcinogenicity**

**Product:** Suspected of causing cancer.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

Ethylbenzene Overall evaluation: Possibly carcinogenic to humans.

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogenic components identified

**Germ Cell Mutagenicity****In vitro**

**Product:** No data available.

**In vivo**

**Product:** No data available.

**Reproductive toxicity**

**Product:** May damage fertility or the unborn child.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Aspiration Hazard Product:** No data available.

**Other effects:** No data available.

## 12. Ecological information

### Ecotoxicity:

#### Acute hazards to the aquatic environment:

##### Fish

**Product:** No data available.

##### Specified substance(s):

|                        |   |
|------------------------|---|
| Butyl benzyl phthalate | LC 50 (Fathead minnow (Pimephales promelas), 96 h): 1.39 - 3.88 mg/l Mortality        |
| Petroleum distillates  | LC 50 (Rainbow trout,donaldson trout (Oncorhynchus mykiss), 96 h): 2.9 mg/l Mortality |
| Xylene                 | LC 50 (Fathead minnow (Pimephales promelas), 96 h): 13.41 mg/l Mortality              |
| Ethylbenzene           | LC 50 (Rainbow trout,donaldson trout (Oncorhynchus mykiss), 96 h): 4.2 mg/l Mortality |
| Toluene                | LC 50 (Fathead minnow (Pimephales promelas), 96 h): 20.5 - 23.8 mg/l Mortality        |

##### Aquatic Invertebrates

**Product:** No data available.

##### Specified substance(s):

|                        |   |
|------------------------|---|
| Butyl benzyl phthalate | EC 50 (Water flea (Daphnia magna), 48 h): > 10 mg/l Intoxication<br>EC 50 (Opossum shrimp (Americamysis bahia), 48 h): > 0.9 mg/l Mortality<br>EC 50 (Water flea (Daphnia magna), 24 h): > 10 mg/l Intoxication<br>EC 50 (Water flea (Daphnia magna), 21 d): > 0.76 mg/l Intoxication<br>EC 50 (Water flea (Daphnia magna), 14 d): > 0.76 mg/l Intoxication |
| Ethylbenzene           | EC 50 (Water flea (Daphnia magna), 48 h): 1.37 - 4.4 mg/l Intoxication  |
| Toluene                | LC 50 (Water flea (Daphnia magna), 24 h): 240 - 420 mg/l Mortality  |

#### Chronic hazards to the aquatic environment:

##### Fish

**Product:** No data available.

##### Specified substance(s):

|                        |   |
|------------------------|---|
| Butyl benzyl phthalate | NOAEL (Pimephales promelas, 126 d): 64.6 - 67.5 µg/l Experimental result, Key study |
|------------------------|---|



|  |  |
|--|--|
|  | NOAEL (Oncorhynchus mykiss, 124 d): 0.2 mg/l Experimental result, Key study            |
|  | LOAEL (Pimephales promelas, 126 d): 18.1 µg/l Experimental result, Key study           |
|  | LC 50 (Pimephales promelas, 4 d): 2.32 mg/l Experimental result, Supporting study      |
|  | LC 50 (Pimephales promelas, 14 d): 2.25 mg/l Experimental result, Supporting study     |
| Aliphatic naphtha  | NOAEL (Oncorhynchus mykiss, 28 d): 0.098 mg/l QSAR QSAR, Key study                     |
| Toluene  | LOAEL (Oncorhynchus kisutch, 40 d): 2.77 mg/l Experimental result, Key study           |
|  | NOAEL (Pimephales promelas, 32 d): 4 mg/l Experimental result, Supporting study        |
|  | LOAEL (Pimephales promelas, 32 d): 6 mg/l Experimental result, Supporting study        |
|  | NOAEL (Oncorhynchus kisutch, 40 d): 1.39 mg/l Experimental result, Key study           |
| <b>Aquatic Invertebrates</b>                             |  |
| <b>Product:</b>  | No data available.   |
| <b>Toxicity to Aquatic Plants</b>                        |  |
| <b>Product:</b>  | No data available.   |
| <b>Persistence and Degradability</b>                     |  |
| <b>Biodegradation</b>                                    |  |
| <b>Product:</b>  | No data available.   |
| <b>BOD/COD Ratio</b>                                     |  |
| <b>Product:</b>  | No data available.   |
| <b>Bioaccumulative potential</b>                         |  |
| <b>Bioconcentration Factor (BCF)</b>                     |  |
| <b>Product:</b>  | No data available.   |
| <b>Specified substance(s):</b>                           |  |
| Butyl benzyl phthalate                                   | Bluegill (Lepomis macrochirus), Bioconcentration Factor (BCF): 772 (Flow through)      |
| Toluene  | Green algae (Selenastrum capricornutum), Bioconcentration Factor (BCF): 3,016 (Static) |
| <b>Partition Coefficient n-octanol / water (log Kow)</b> |  |
| <b>Product:</b>  | No data available.   |
| <b>Specified substance(s):</b>                           |  |
| Butyl benzyl phthalate                                   | Log Kow: 4.91  |

---

|              |                      |
|--------------|----------------------|
| Xylene       | Log Kow: 3.12 - 3.20 |
| Ethylbenzene | Log Kow: 3.15        |
| Toluene      | Log Kow: 2.73        |
| Nonane       | Log Kow: 5.46        |

**Mobility in soil:** No data available.

**Other adverse effects:** Toxic to aquatic organisms.

### 13. Disposal considerations

**Disposal instructions:** Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Contaminated Packaging:** No data available.

### 14. Transport information

**TDG:**

Not Regulated

**CFR / DOT:**

Not Regulated

**IMDG:**

Not Regulated

### 15. Regulatory information

**US Federal Regulations**  
**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**  
None present or none present in regulated quantities.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

| <u>Chemical Identity</u> | <u>OSHA hazard(s)</u>  |
|--------------------------|--|
| Benzene                  | Blood<br>respiratory tract irritation<br>Central nervous system<br>Flammability<br>Cancer<br>Skin<br>Aspiration<br>Eye |

**CERCLA Hazardous Substance List (40 CFR 302.4):**

| <u>Chemical Identity</u> | <u>Reportable quantity</u> |
|--------------------------|----------------------------|
| Butyl benzyl phthalate   | 100 lbs.                   |
| Xylene                   | 100 lbs.                   |
| Ethylbenzene             | 1000 lbs.                  |
| Toluene                  | 1000 lbs.                  |
| Nonane                   | 100 lbs.                   |
| Dibutyl phthalate        | 10 lbs.                    |
| Benzene                  | 10 lbs.                    |
| Naphthalene              | 100 lbs.                   |
| Cumene                   | 5000 lbs.                  |
| Ethyl Acrylate           | 1000 lbs.                  |

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****Hazard categories**

Delayed (Chronic) Health Hazard  
Carcinogenicity  
Reproductive toxicity

**SARA 302 Extremely Hazardous Substance**

None present or none present in regulated quantities.

**SARA 304 Emergency Release Notification**

| <u>Chemical Identity</u> | <u>Reportable quantity</u> |
|--------------------------|----------------------------|
| Butyl benzyl phthalate   | 100 lbs.                   |
| Xylene                   | 100 lbs.                   |
| Ethylbenzene             | 1000 lbs.                  |
| Toluene                  | 1000 lbs.                  |
| Nonane                   | 100 lbs.                   |
| Dibutyl phthalate        | 10 lbs.                    |
| Benzene                  | 10 lbs.                    |
| Naphthalene              | 100 lbs.                   |
| Cumene                   | 5000 lbs.                  |
| Ethyl Acrylate           | 1000 lbs.                  |

### SARA 311/312 Hazardous Chemical

| <u>Chemical Identity</u>      | <u>Threshold Planning Quantity</u> |
|-------------------------------|------------------------------------|
| Calcium Carbonate (Limestone) | 10000 lbs                          |
| Butyl benzyl phthalate        | 10000 lbs                          |
| Petroleum distillates         | 10000 lbs                          |
| Aliphatic naphtha             | 10000 lbs                          |
| Xylene                        | 10000 lbs                          |
| Ethylbenzene                  | 10000 lbs                          |
| Toluene                       | 10000 lbs                          |
| Nonane                        | 10000 lbs                          |

### SARA 313 (TRI Reporting)

| <u>Chemical Identity</u> |
|--------------------------|
| Xylene                   |
| Ethylbenzene             |

### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

None present or none present in regulated quantities.

### Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

| <u>Chemical Identity</u> | <u>Reportable quantity</u> |
|--------------------------|----------------------------|
| Xylene                   | Reportable quantity: lbs.  |

### US State Regulations

#### US. California Proposition 65



#### WARNING

Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

#### US. New Jersey Worker and Community Right-to-Know Act

| <u>Chemical Identity</u>      |
|-------------------------------|
| Calcium Carbonate (Limestone) |
| Butyl benzyl phthalate        |
| Petroleum distillates         |
| Aliphatic naphtha             |
| Xylene                        |
| Ethylbenzene                  |

#### US. Massachusetts RTK - Substance List

| <u>Chemical Identity</u>      |
|-------------------------------|
| Calcium Carbonate (Limestone) |
| Butyl benzyl phthalate        |
| Petroleum distillates         |
| Aliphatic naphtha             |
| Xylene                        |
| Benzene                       |

## US. Pennsylvania RTK - Hazardous Substances

### Chemical Identity

Calcium Carbonate (Limestone)  
Butyl benzyl phthalate  
Petroleum distillates  
Aliphatic naphtha  
Xylene

## US. Rhode Island RTK

### Chemical Identity

Calcium Carbonate (Limestone)  
Petroleum distillates  
Aliphatic naphtha  
Xylene

## International regulations

### Montreal protocol

Not applicable

### Stockholm convention

Not applicable

### Rotterdam convention

Not applicable

### Kyoto protocol

Not applicable

**VOC:** When appropriately mixed with the other part, product has a VOC less water and exempt solvent of:  
112 g/l

Regulatory VOC (less water and exempt solvent) : 98 g/l 99 g/l

VOC Method 310 : 8.28 %

**Inventory Status:**

|  |  |
|--|--|
| Australia AICS:                          | One or more components in this product are not listed on or exempt from the Inventory. |
| Canada DSL Inventory List:               | All components in this product are listed on or exempt from the Inventory.             |
| EINECS, ELINCS or NLP:                   | One or more components in this product are not listed on or exempt from the Inventory. |
| Japan (ENCS) List:                       | One or more components in this product are not listed on or exempt from the Inventory. |
| China Inv. Existing Chemical Substances: | One or more components in this product are not listed on or exempt from the Inventory. |
| Korea Existing Chemicals Inv. (KECI):    | One or more components in this product are not listed on or exempt from the Inventory. |
| Canada NDSL Inventory:                   | One or more components in this product are not listed on or exempt from the Inventory. |
| Philippines PICCS:                       | One or more components in this product are not listed on or exempt from the Inventory. |
| US TSCA Inventory:                       | All components in this product are listed on or exempt from the Inventory.             |
| New Zealand Inventory of Chemicals:      | One or more components in this product are not listed on or exempt from the Inventory. |
| Japan ISHL Listing:                      | One or more components in this product are not listed on or exempt from the Inventory. |
| Japan Pharmacopoeia Listing:             | One or more components in this product are not listed on or exempt from the Inventory. |
| Mexico INSQ:                             | One or more components in this product are not listed on or exempt from the Inventory. |
| Ontario Inventory:                       | One or more components in this product are not listed on or exempt from the Inventory. |
| Taiwan Chemical Substance Inventory:     | One or more components in this product are not listed on or exempt from the Inventory. |

**16. Other information, including date of preparation or last revision**

**Revision Date:** 08/07/2018

**Version #:** 1.1

**Further Information:** No data available.

**Disclaimer:** For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

# SAFETY DATA SHEET

## 1. Identification

**Product identifier:** THC 901 CURING AGENT  
**Product Code:** 868105 802

### Recommended use and restriction on use

**Recommended use:** Curative  
**Restrictions on use:** Not known.

### Manufacturer/Importer/Supplier/Distributor Information

Tremco U.S Sealants  
3735 Green Road  
Beachwood OH 44122  
US

**Contact person:** EH&S Department  
**Telephone:** 216-292-5000  
**Emergency telephone number:** 1-800-424-9300 (US); 1-613-996-6666 (Canada)

## 2. Hazard(s) identification

### Hazard Classification

#### Physical Hazards

Flammable liquids Category 3

#### Health Hazards

Skin Corrosion/Irritation Category 1A  
Serious Eye Damage/Eye Irritation Category 1  
Carcinogenicity Category 2  
Toxic to reproduction Category 2

#### Unknown toxicity - Health

Acute toxicity, oral 1.32 %  
Acute toxicity, dermal 1.32 %  
Acute toxicity, inhalation, vapor 99.82 %  
Acute toxicity, inhalation, dust or mist 86.52 %

### Environmental Hazards

Acute hazards to the aquatic environment Category 3

#### Unknown toxicity - Environment

Acute hazards to the aquatic environment 68.53 %



Chronic hazards to the aquatic environment 100 %

**Environmental Hazards**

Acute hazards to the aquatic environment Category 3

Acute hazards to the aquatic environment 68.53 %

Chronic hazards to the aquatic environment 100 %

**Label Elements**

**Hazard Symbol:**



**Signal Word:** Danger

**Hazard Statement:** Flammable liquid and vapor.  
Causes severe skin burns and eye damage.  
Suspected of causing cancer.  
Suspected of damaging fertility or the unborn child.  
Harmful to aquatic life.

**Precautionary Statements**

**Prevention:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof [electrical/ventilating/lighting/...] equipment. Use non-sparking tools. Take action to prevent static discharges. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust or mists. Wash thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

**Response:** IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. Specific treatment (see on this label). Wash contaminated clothing before reuse. In case of fire: Use... to extinguish.

**Storage:** Store in a well-ventilated place. Keep cool. Store locked up.

**Disposal:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Hazard(s) not otherwise classified (HNOC):** Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

### 3. Composition/information on ingredients

#### Mixtures

| Chemical Identity | CAS number | Content in percent (%)* |
|-------------------|------------|-------------------------|
| Xylene            | 1330-20-7  | 10 - 30%                |
| Polyamine         | 9046-10-0  | 10 - 30%                |
| Ethylbenzene      | 100-41-4   | 3 - 7%                  |
| Toluene           | 108-88-3   | 0.1 - 1%                |

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

### 4. First-aid measures

**Ingestion:** Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. Do not induce vomiting without advice from poison control center.

**Inhalation:** Call a physician or poison control center immediately. If breathing stops, provide artificial respiration. Move to fresh air. If breathing is difficult, give oxygen.

**Skin Contact:** Take off immediately all contaminated clothing. Call a physician or poison control center immediately. Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Destroy or thoroughly clean contaminated shoes.

**Eye contact:** Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Call a physician or poison control center immediately.

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

**Symptoms:** No data available.

**Hazards:** No data available.

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

**Treatment:** No data available.

### 5. Fire-fighting measures

**General Fire Hazards:** Use water spray to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

## Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media:** Avoid water in straight hose stream; will scatter and spread fire.

**Specific hazards arising from the chemical:** Vapors may travel considerable distance to a source of ignition and flash back. Vapors may cause a flash fire or ignite explosively. Prevent buildup of vapors or gases to explosive concentrations.

## Special protective equipment and precautions for firefighters

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind. See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

**Methods and material for containment and cleaning up:** Dam and absorb spillages with sand, earth or other non-combustible material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

**Notification Procedures:** In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

**Environmental Precautions:** Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer.

## 7. Handling and storage

**Precautions for safe handling:** Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Do not get in eyes. Wash hands thoroughly after handling. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond container and receiving equipment. Take precautionary measures against static discharges. Do not get in eyes, on skin, on clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities:** Store locked up. Store in a well-ventilated place. Store in a cool place.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

| Chemical Identity | Type    | Exposure Limit Values | Source   |
|-------------------|---------|-----------------------|--|
| Xylene            | STEL    | 150 ppm 655 mg/m3     | US. NIOSH: Pocket Guide to Chemical Hazards (2010)   |
|                   | REL     | 100 ppm 435 mg/m3     | US. NIOSH: Pocket Guide to Chemical Hazards (2010)   |
|                   | STEL    | 150 ppm 655 mg/m3     | US. NIOSH: Pocket Guide to Chemical Hazards (2010)   |
|                   | REL     | 100 ppm 435 mg/m3     | US. NIOSH: Pocket Guide to Chemical Hazards (2010)   |
|                   | STEL    | 150 ppm 655 mg/m3     | US. NIOSH: Pocket Guide to Chemical Hazards (2010)   |
|                   | REL     | 100 ppm 435 mg/m3     | US. NIOSH: Pocket Guide to Chemical Hazards (2010)   |
|                   | STEL    | 150 ppm 655 mg/m3     | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)   |
|                   | TWA     | 100 ppm 435 mg/m3     | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)   |
|                   | TWA     | 100 ppm 435 mg/m3     | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)                     |
|                   | STEL    | 150 ppm 655 mg/m3     | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)                     |
|                   | ST ESL  | 350 µg/m3             | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (07 2011)  |
|                   | ST ESL  | 80 ppb                | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (07 2011)  |
|                   | AN ESL  | 42 ppb                | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (07 2011)  |
|                   | AN ESL  | 180 µg/m3             | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (07 2011)  |
|                   | STEL    | 150 ppm 655 mg/m3     | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (08 2010) |
|                   | Ceiling | 300 ppm               | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (08 2010) |
|                   | TWA PEL | 100 ppm 435 mg/m3     | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (08 2010) |

|              |           |                   |   |
|--------------|-----------|-------------------|---|
|              | TWA       | 100 ppm           | US. ACGIH Threshold Limit Values (2011)                                     |
|              | STEL      | 150 ppm           | US. ACGIH Threshold Limit Values (2011)                                     |
|              | PEL       | 100 ppm 435 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| Ethylbenzene | TWA       | 20 ppm            | US. ACGIH Threshold Limit Values (2011)                                     |
|              | PEL       | 100 ppm 435 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| Toluene      | TWA       | 20 ppm            | US. ACGIH Threshold Limit Values (2011)                                     |
|              | TWA       | 200 ppm           | US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006)                             |
|              | Ceiling   | 300 ppm           | US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006)                             |
|              | MAX. CONC | 500 ppm           | US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006)                             |

| Chemical name | Type | Exposure Limit Values | Source  |
|---------------|------|-----------------------|---|
| Xylene        | TWA  | 100 ppm 434 mg/m3     | Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009)   |
|               | STEL | 150 ppm 651 mg/m3     | Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009)   |
| Xylene        | TWA  | 100 ppm               | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
|               | STEL | 150 ppm               | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Xylene        | TWA  | 100 ppm               | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
|               | STEL | 150 ppm               | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
| Xylene        | STEL | 150 ppm 651 mg/m3     | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
|               | TWA  | 100 ppm 434 mg/m3     | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
| Ethylbenzene  | TWA  | 20 ppm                | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (09 2011) |
| Ethylbenzene  | TWA  | 20 ppm                | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015)  |
| Ethylbenzene  | STEL | 125 ppm 543 mg/m3     | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |
|               | TWA  | 100 ppm 434 mg/m3     | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |

|         |     |                  |   |
|---------|-----|------------------|---|
| Toluene | TWA | 20 ppm           | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Toluene | TWA | 20 ppm           | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)  |
| Toluene | TWA | 50 ppm 188 mg/m3 | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)  |

### Biological Limit Values

| Chemical Identity  | Exposure Limit Values          | Source              |
|--|--------------------------------|---------------------|
| Xylene (Methylhippuric acids: Sampling time: End of shift.)                                | 1.5 g/g (Creatinine in urine)  | ACGIH BEI (03 2013) |
| Ethylbenzene (Sum of mandelic acid and phenylglyoxylic acid: Sampling time: End of shift.) | 0.15 g/g (Creatinine in urine) | ACGIH BEI (02 2014) |
| Toluene (o-Cresol, with hydrolysis: Sampling time: End of shift.)                          | 0.3 mg/g (Creatinine in urine) | ACGIH BEI (03 2013) |
| Toluene (toluene: Sampling time: Prior to last shift of work week.)                        | 0.02 mg/l (Blood)              | ACGIH BEI (03 2013) |
| Toluene (toluene: Sampling time: End of shift.)  | 0.03 mg/l (Urine)              | ACGIH BEI (03 2013) |

### Appropriate Engineering Controls

Observe good industrial hygiene practices. Observe occupational exposure limits and minimize the risk of inhalation of vapors and mist. Mechanical ventilation or local exhaust ventilation may be required.

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

**General information:** Provide easy access to water supply and eye wash facilities. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Use explosion-proof ventilation equipment.

**Eye/face protection:** Wear a full-face respirator, if needed. Wear safety glasses with side shields (or goggles) and a face shield.

#### Skin Protection

**Hand Protection:** Use suitable protective gloves if risk of skin contact.

**Other:** Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

**Respiratory Protection:** In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

**Hygiene measures:** Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product. Do not get in eyes. When using do not smoke. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wash contaminated clothing before reuse. Do not get this material in contact with skin.

## 9. Physical and chemical properties

### Appearance

|  |   |
|--|---|
| <b>Physical state:</b>                                       | liquid  |
| <b>Form:</b>   | liquid  |
| <b>Color:</b>  | Yellow  |
| <b>Odor:</b>   | Mild pungent  |
| <b>Odor threshold:</b>                                       | No data available.  |
| <b>pH:</b>   | No data available.  |
| <b>Melting point/freezing point:</b>                         | No data available.  |
| <b>Initial boiling point and boiling range:</b>              | No data available.  |
| <b>Flash Point:</b>  | 41 °C 105 °F (Setaflash Closed Cup)   |
| <b>Evaporation rate:</b>                                     | Slower than Ether   |
| <b>Flammability (solid, gas):</b>                            | No  |
| <b>Upper/lower limit on flammability or explosive limits</b> |   |
| <b>Flammability limit - upper (%):</b>                       | No data available.  |
| <b>Flammability limit - lower (%):</b>                       | No data available.  |
| <b>Explosive limit - upper (%):</b>                          | No data available.  |
| <b>Explosive limit - lower (%):</b>                          | No data available.  |
| <b>Vapor pressure:</b>                                       | No data available.  |
| <b>Vapor density:</b>  | Vapors are heavier than air and may travel along the floor and in the bottom of containers. |
| <b>Relative density:</b>                                     | 0.98  |
| <b>Solubility(ies)</b>                                       |   |
| <b>Solubility in water:</b>                                  | Insoluble in water  |
| <b>Solubility (other):</b>                                   | No data available.  |
| <b>Partition coefficient (n-octanol/water):</b>              | No data available.  |
| <b>Auto-ignition temperature:</b>                            | No data available.  |
| <b>Decomposition temperature:</b>                            | No data available.  |
| <b>Viscosity:</b>  | No data available.  |

## 10. Stability and reactivity

|  |   |
|--|---|
| <b>Reactivity:</b>                         | No data available.                          |
| <b>Chemical Stability:</b>                 | Material is stable under normal conditions. |
| <b>Possibility of hazardous reactions:</b> | No data available.                          |
| <b>Conditions to avoid:</b>                | Heat, sparks, flames.                       |

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|  |   |
|--|---|
| <b>Incompatible Materials:</b>           | Strong acids.   |
| <b>Hazardous Decomposition Products:</b> | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. |

## 11. Toxicological information

### Information on likely routes of exposure

|                      |   |
|----------------------|---|
| <b>Inhalation:</b>   | In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes. |
| <b>Skin Contact:</b> | Causes severe skin burns.   |
| <b>Eye contact:</b>  | Causes serious eye damage.  |
| <b>Ingestion:</b>    | May be ingested by accident. Ingestion may cause irritation and malaise.                      |

### Symptoms related to the physical, chemical and toxicological characteristics

|                      |                    |
|----------------------|--------------------|
| <b>Inhalation:</b>   | No data available. |
| <b>Skin Contact:</b> | No data available. |
| <b>Eye contact:</b>  | No data available. |
| <b>Ingestion:</b>    | No data available. |

### Information on toxicological effects

#### Acute toxicity (list all possible routes of exposure)

|                                |  |
|--------------------------------|--|
| <b>Oral Product:</b>           | ATEmix: 11,682.22 mg/kg                                    |
| <b>Dermal Product:</b>         | ATEmix: 24,407.77 mg/kg                                    |
| <b>Inhalation Product:</b>     | Not classified for acute toxicity based on available data. |
| <b>Specified substance(s):</b> |  |
| Polyamine                      | LC 50 (Rat): > 0.74 mg/l                                   |
| Toluene                        | LC 50 (Rat): 25.7 mg/l                                     |

|  |                    |
|--|--------------------|
| <b>Repeated dose toxicity Product:</b> | No data available. |
|--|--------------------|

### Skin Corrosion/Irritation



---

|                                |   |
|--------------------------------|---|
| <b>Product:</b>                | No data available.  |
| <b>Specified substance(s):</b> |   |
| Xylene                         | in vivo (Rabbit): Moderate irritant Experimental result, Weight of Evidence study |
| Polyamine                      | in vivo (Rabbit): severely irritant Experimental result, Supporting study         |
| Toluene                        | in vivo (Rabbit): Irritating Experimental result, Key study                       |

**Serious Eye Damage/Eye Irritation**

|                                |                                       |
|--------------------------------|---------------------------------------|
| <b>Product:</b>                | No data available.                    |
| <b>Specified substance(s):</b> |                                       |
| Xylene                         | Rabbit, 24 hrs: Moderately irritating |
| Polyamine                      | Rabbit, 24 hrs: Corrosive             |
| Ethylbenzene                   | Rabbit, 7 d: Slightly irritating      |
| Toluene                        | Rabbit, 24 - 72 hrs: Not irritating   |

**Respiratory or Skin Sensitization**

**Product:** No data available.

**Carcinogenicity**

**Product:** Suspected of causing cancer.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

Ethylbenzene Overall evaluation: Possibly carcinogenic to humans.

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogenic components identified

**Germ Cell Mutagenicity**

**In vitro**  
**Product:** No data available.

**In vivo**  
**Product:** No data available.

**Reproductive toxicity**

**Product:** Suspected of damaging fertility or the unborn child.

**Specific Target Organ Toxicity - Single Exposure**  
**Product:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure**  
**Product:** No data available.

**Aspiration Hazard**  
**Product:** No data available.

**Other effects:** No data available.

## 12. Ecological information

### Ecotoxicity:

#### Acute hazards to the aquatic environment:

##### Fish

**Product:** No data available.

##### Specified substance(s):

Xylene LC 50 (Fathead minnow (Pimephales promelas), 96 h): 13.41 mg/l Mortality

Ethylbenzene LC 50 (Rainbow trout, donaldson trout (Oncorhynchus mykiss), 96 h): 4.2 mg/l Mortality

Toluene LC 50 (Fathead minnow (Pimephales promelas), 96 h): 20.5 - 23.8 mg/l Mortality

##### Aquatic Invertebrates

**Product:** No data available.

##### Specified substance(s):

Ethylbenzene EC 50 (Water flea (Daphnia magna), 48 h): 1.37 - 4.4 mg/l Intoxication

Toluene LC 50 (Water flea (Daphnia magna), 24 h): 240 - 420 mg/l Mortality

#### Chronic hazards to the aquatic environment:

##### Fish

**Product:** No data available.

##### Specified substance(s):

Toluene LOAEL (Oncorhynchus kisutch, 40 d): 2.77 mg/l Experimental result, Key study  
 NOAEL (Pimephales promelas, 32 d): 4 mg/l Experimental result, Supporting study  
 LOAEL (Pimephales promelas, 32 d): 6 mg/l Experimental result, Supporting

study  
NOAEL (Oncorhynchus kisutch, 40 d): 1.39 mg/l Experimental result, Key study

**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and Degradability**

**Biodegradation**

**Product:** No data available.

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.

**Specified substance(s):**

Toluene Green algae (Selenastrum capricornutum), Bioconcentration Factor (BCF): 3,016 (Static)

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

**Product:** No data available.

**Specified substance(s):**

Xylene Log Kow: 3.12 - 3.20

Ethylbenzene Log Kow: 3.15

Toluene Log Kow: 2.73

**Mobility in soil:** No data available.

**Other adverse effects:** Harmful to aquatic organisms.

**13. Disposal considerations**

**Disposal instructions:** Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Contaminated Packaging:** No data available.

**14. Transport information**

**TDG:**

UN2924, FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Xylene, Aliphatic Amine), 3 (8), PG III

**CFR / DOT:**

UN2924, Flammable liquids, corrosive, n.o.s. (Xylene, Aliphatic Amine), 3(8), PG III

**IMDG:**

UN2924, FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Xylene, Aliphatic Amine, Tricresyl Phospate), 3(8), PG III, MARINE POLLUTANT

**Further Information:**

The above shipping description may not be accurate for all container sizes and all modes of transportation. Please refer to Bill of Lading.

**15. Regulatory information**

**US Federal Regulations**

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

None present or none present in regulated quantities.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

| <u>Chemical Identity</u> | <u>Reportable quantity</u> |
|--------------------------|----------------------------|
| Xylene                   | 100 lbs.                   |
| Ethylbenzene             | 1000 lbs.                  |
| Toluene                  | 1000 lbs.                  |

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

Fire Hazard  
Immediate (Acute) Health Hazards  
Delayed (Chronic) Health Hazard

**SARA 302 Extremely Hazardous Substance**

None present or none present in regulated quantities.

**SARA 304 Emergency Release Notification**

| <u>Chemical Identity</u> | <u>Reportable quantity</u> |
|--------------------------|----------------------------|
| Xylene                   | 100 lbs.                   |
| Ethylbenzene             | 1000 lbs.                  |
| Toluene                  | 1000 lbs.                  |

## SARA 311/312 Hazardous Chemical

| <u>Chemical Identity</u> | <u>Threshold Planning Quantity</u> |
|--------------------------|------------------------------------|
| Xylene                   | 10000 lbs                          |
| Polyamine                | 10000 lbs                          |
| Ethylbenzene             | 10000 lbs                          |
| Toluene                  | 10000 lbs                          |

## SARA 313 (TRI Reporting)

| <u>Chemical Identity</u> |
|--------------------------|
| Xylene                   |
| Ethylbenzene             |

## Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

None present or none present in regulated quantities.

## Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

None present or none present in regulated quantities.

## US State Regulations

### US. California Proposition 65



#### WARNING

Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### US. New Jersey Worker and Community Right-to-Know Act

| <u>Chemical Identity</u> |
|--------------------------|
| Xylene                   |
| Tricresyl phosphate      |
| Ethylbenzene             |

### US. Massachusetts RTK - Substance List

| <u>Chemical Identity</u> |
|--------------------------|
| Xylene                   |
| Ethylbenzene             |

### US. Pennsylvania RTK - Hazardous Substances

| <u>Chemical Identity</u> |
|--------------------------|
| Xylene                   |
| Ethylbenzene             |

### US. Rhode Island RTK

| <u>Chemical Identity</u> |
|--------------------------|
| Xylene                   |
| Ethylbenzene             |

## International regulations

### Montreal protocol

Not applicable

### Stockholm convention

Not applicable

**Rotterdam convention**

Not applicable

**Kyoto protocol**

Not applicable

**VOC:** When appropriately mixed with the other part, product has a VOC less water and exempt solvent of:  
118 g/l

Regulatory VOC (less water and exempt solvent) : 176 g/l

VOC Method 310 : 17.99 %

**Inventory Status:**

|  |  |
|--|--|
| Australia AICS:                          | One or more components in this product are not listed on or exempt from the Inventory. |
| Canada DSL Inventory List:               | All components in this product are listed on or exempt from the Inventory.             |
| EINECS, ELINCS or NLP:                   | One or more components in this product are not listed on or exempt from the Inventory. |
| Japan (ENCS) List:                       | One or more components in this product are not listed on or exempt from the Inventory. |
| China Inv. Existing Chemical Substances: | One or more components in this product are not listed on or exempt from the Inventory. |
| Korea Existing Chemicals Inv. (KECI):    | One or more components in this product are not listed on or exempt from the Inventory. |
| Canada NDSL Inventory:                   | One or more components in this product are not listed on or exempt from the Inventory. |
| Philippines PICCS:                       | One or more components in this product are not listed on or exempt from the Inventory. |
| US TSCA Inventory:                       | All components in this product are listed on or exempt from the Inventory.             |
| New Zealand Inventory of Chemicals:      | One or more components in this product are not listed on or exempt from the Inventory. |
| Japan ISHL Listing:                      | One or more components in this product are not listed on or exempt from the Inventory. |
| Japan Pharmacopoeia Listing:             | One or more components in this product are not listed on or exempt from the Inventory. |

**16. Other information, including date of preparation or last revision**

|                             |                    |
|-----------------------------|--------------------|
| <b>Revision Date:</b>       | 08/07/2018         |
| <b>Version #:</b>           | 1.1                |
| <b>Further Information:</b> | No data available. |

**Disclaimer:**

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.