Safety Data Sheet

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

1.1 Product identifier

Product Name    • EZ TPO Cut Edge Sealant LVOC

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

Relevant identified use(s)    • Construction

1.3 Details of the supplier of the safety data sheet

Manufacturer    • Firestone Building Products Company

250 West 96th Street
Indianapolis, IN 46260
United States

genflexmsds@bfdp.com

Telephone (General)    • 800-428-4442

1.4 Emergency telephone number

Manufacturer    • (800) 424-9300 - CHEMTREC

Manufacturer    • (703) 527-3887 - CHEMTREC - International

Section 2: Hazards Identification

EU/EEC

According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

CLP    • Flammable Liquids 3 - H226

Skin Irritation 2 - H315

Eye Irritation 2 - H319

Reproductive Toxicity 2 - H361

DSD/DPD    • Irritant (Xi)

R10, R36/38

2.2 Label Elements

CLP

WARNING

Hazard statements    • H226 - Flammable liquid and vapour

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H361 - Suspected of damaging fertility or the unborn child.
Precautionary statements

**Prevention**
- **P201** - Obtain special instructions before use.
- **P202** - Do not handle until all safety precautions have been read and understood.
- **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.
- **P264** - Wash thoroughly after handling.
- **P280** - Wear protective gloves and eye/face protection.

**Response**
- **P370+P378** - In case of fire: Use appropriate media for extinction.
- **P303+P361+P353** - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- **P363** - Wash contaminated clothing before reuse.
- **P332+P313** - If skin irritation occurs: Get medical advice/attention.
- **P321** - Specific treatment, see supplemental first aid information.
- **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.
- **P305+P338** - IF exposed or concerned: Get medical advice/attention.

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

**DSD/DPD**

**Risk phrases**
- **R10** - Flammable.
- **R36/38** - Irritating to eyes and skin.

**Safety phrases**
- **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 material is considered dangerous.

**United States (US)**
According to OSHA 29 CFR 1910.1200 HCS

**2.1 Classification of the substance or mixture**

**OSHA HCS 2012**
- Flammable Liquids 3 - H226
- Skin Irritation 2 - H315
- Eye Irritation 2A - H319
- Reproductive Toxicity 2 - H361

**2.2 Label elements**

**OSHA HCS 2012**

**WARNING**

**Hazard statements**
- Flammable liquid and vapour - H226
- Causes skin irritation - H315

Preparation Date: 29/August/2011
Revision Date: 15/October/2014

Format: EU CLP/REACH Language: English (US)
WHIMIS, EU CLP, EU DSD/DPD, OSHA HCS 2012
According to WHMIS

Precautionary statements

Prevention

Obtain special instructions before use. - P201
Do not handle until all safety precautions have been read and understood. - P202
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
Wash thoroughly after handling. - P264

Response

IF exposed or concerned: Get medical advice/attention. - P308+P313
If eye irritation persists: Get medical advice/attention. - P337+P313
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens, if present and easy to do. Continue rinsing. - P035+P351+P338
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. - P303+P361+P353
If skin irritation occurs: Get medical advice/attention. - P332+P313
In case of fire: Use appropriate media for extinction. - P370+P378
Specific treatment, see supplemental first aid information. - P321
Wash contaminated clothing before reuse. - P363

Storage/Disposal

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

2.3 Other hazards

OSHA HCS 2012


Canada

According to WHMIS

2.1 Classification of the substance or mixture

WHMIS

Combustible Liquids - B3
Other Toxic Effects - D2A
Other Toxic Effects - D2B

2.2 Label elements

WHMIS

Combustible Liquids - B3
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).

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

### Composition

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Identifiers</th>
<th>%</th>
<th>LD50/LC50</th>
<th>Classifications According to Regulation/Directive</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Chloro-4-(trifluoromethyl) benzene</td>
<td>CAS:98-56-6</td>
<td>50%</td>
<td>Ingestion/Oral: LD50 • 13 g/kg</td>
<td>EU DSD/DPD: Not Classified</td>
<td>NDA</td>
</tr>
<tr>
<td></td>
<td>EC Number:202-681-1</td>
<td>100%</td>
<td>Inhalation-Rat LC50 • 22 g/m³</td>
<td>EU CLP: Not Classified</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>OSHA HCS 2012: Not Classified</td>
<td></td>
</tr>
<tr>
<td>Xylene</td>
<td>CAS:1330-20-7</td>
<td>2.5%</td>
<td>Ingestion/Oral: LD50 • 4300 mg/kg</td>
<td>EU DSD/DPD: Annex VI, Table 3.2: R10 Xn R20/21 Xi R38</td>
<td>NDA</td>
</tr>
<tr>
<td></td>
<td>EC Number:215-535-7</td>
<td></td>
<td>Inhalation-Rat LC50 • 5000 ppm 4 Hour(s)</td>
<td>EU CLP: Annex VI, Table 3.1: Flam. Liq. 3, H225; Acute Tox. 4, H332; Acute Tox. 4, H312; Skin Irrit. 2, H315</td>
<td></td>
</tr>
<tr>
<td></td>
<td>EU Index:601-022-00-9</td>
<td></td>
<td>Skin-Rabbit LD50 • &gt;1700 mg/kg</td>
<td>OSHA HCS 2012: Flam. Liq. 3; Acute Tox. 4 (skin) Eye Irrit. 2, Skin Irrit. 2, Repr. 2; STOT SE 3: Resp. Irrit. &amp; Narc</td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>CAS:13463-67-7</td>
<td>&lt;= 2.5%</td>
<td>NDA</td>
<td>EU DSD/DPD: Self Classified: Carc. Cat. 3 R40</td>
<td></td>
</tr>
<tr>
<td></td>
<td>EC Number:236-675-5</td>
<td></td>
<td>EU CLP: Self Classified: Carc. 2, H351</td>
<td>OSHA HCS 2012: Carc. 2</td>
<td></td>
</tr>
</tbody>
</table>

See Section 16 for full text of H-statements and R-phrases.

### Section 4 - First Aid Measures

#### 4.1 Description of first aid measures

**Inhalation**
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Get medical attention immediately if symptoms occur.

**Skin**
- Rinse skin with rubbing alcohol first, followed immediately by washing affected area with soap and water. Remove and isolate contaminated clothing and shoes. If skin irritation occurs: Get medical advice/attention.

**Eye**
- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

**Ingestion**
- Get medical attention.

#### 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**
- Carbon dioxide, sand, extinguishing powder.
Unsuitable Extinguishing Media

Do not use a direct stream of water.

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. May form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Containers may explode when heated. Many liquids are lighter than water. Toxic fumes and vapors may be produced.

**Hazardous Combustion Products**

- No data available

5.3 Advice for firefighters

- Structural firefighters’ protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
- Wear positive pressure self-contained breathing apparatus (SCBA).
- Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
- Move containers from fire area if you can do it without risk.
- Cool fire exposed containers with water.

---

**Section 6 - Accidental Release Measures**

6.1 Personal precautions, protective equipment and emergency procedures

**Personal Precautions**

- Ventilate the area before entry. Do not walk through spilled material. Wear appropriate personal protective equipment. Avoid breathing mist, vapours, spray. Avoid contact with skin, eyes, and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**Emergency Procedures**

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). 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) Keep unauthorized personnel away. Ventilate closed spaces before entering. Stay upwind. Keep out of low areas.

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

- Use only with adequate ventilation. All equipment used when handling the product must be grounded. Take precautionary measures against static charges. Wear appropriate personal protective equipment, avoid direct contact. Avoid breathing mist, vapours, spray. Avoid contact with skin, eyes, and clothing. Handle and open container with care. Use good safety and industrial hygiene practices. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

7.2 Conditions for safe storage, including any incompatibilities

Storage

- Keep away from heat, sparks and flame. Keep container tightly closed. Store in a cool, dry, well-ventilated place.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

---

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

<table>
<thead>
<tr>
<th>Exposure Limits/Guidelines</th>
<th>Result</th>
<th>ACGIH</th>
<th>Australia</th>
<th>Belgium</th>
<th>Canada Alberta</th>
<th>Canada British Columbia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene (1330-20-7) STELs</td>
<td>150 ppm STEL</td>
<td>150 ppm STEL; 655 mg/m³ STEL</td>
<td>100 ppm STEL; 442 mg/m³ STEL</td>
<td>150 ppm STEL; 651 mg/m³ STEL</td>
<td>150 ppm STEL</td>
<td></td>
</tr>
<tr>
<td>Xylene (1330-20-7) TWAs</td>
<td>100 ppm TWA</td>
<td>80 ppm TWA; 350 mg/m³ TWA</td>
<td>50 ppm TWA; 221 mg/m³ TWA</td>
<td>100 ppm TWA; 434 mg/m³ TWA</td>
<td>100 ppm TWA</td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide (13463-67-7) TWAs</td>
<td>10 mg/m³ TWA</td>
<td>10 mg/m³ TWA (containing no asbestos and &lt;1% crystalline silica, inhalable dust)</td>
<td>10 mg/m³ TWA</td>
<td>10 mg/m³ TWA</td>
<td>10 mg/m³ TWA (total dust); 3 mg/m³ TWA (respirable fraction)</td>
<td></td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Exposure Limits/Guidelines (Con’t.)</th>
<th>Result</th>
<th>Canada Manitoba</th>
<th>Canada New Brunswick</th>
<th>Canada Northwest Territories</th>
<th>Canada Nova Scotia</th>
<th>Canada Nunavut</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene (1330-20-7) STELs</td>
<td>150 ppm STEL</td>
<td>150 ppm STEL; 655 mg/m³ STEL</td>
<td>150 ppm STEL; 652 mg/m³ STEL</td>
<td>150 ppm STEL</td>
<td>150 ppm STEL; 652 mg/m³ STEL</td>
<td></td>
</tr>
<tr>
<td>Xylene (1330-20-7) TWAs</td>
<td>100 ppm TWA</td>
<td>100 ppm TWA; 434 mg/m³ TWA</td>
<td>100 ppm TWA; 434 mg/m³ TWA</td>
<td>100 ppm TWA</td>
<td>100 ppm TWA; 434 mg/m³ TWA</td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide (13463-67-7) TWAs</td>
<td>10 mg/m³ TWA</td>
<td>10 mg/m³ TWA</td>
<td>5 mg/m³ TWA (respirable mass); 10 mg/m³ TWA (total mass)</td>
<td>10 mg/m³ TWA</td>
<td>5 mg/m³ TWA (respirable mass); 10 mg/m³ TWA (total mass)</td>
<td></td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Exposure Limits/Guidelines (Con’t.)</th>
<th>Result</th>
<th>Canada Ontario</th>
<th>Canada Quebec</th>
<th>Canada Saskatchewan</th>
<th>Canada Yukon</th>
<th>China</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene (1330-20-7) STELs</td>
<td>150 ppm STEL</td>
<td>150 ppm STEV; 651 mg/m³ STEV</td>
<td>Not established</td>
<td>150 ppm STEL; 650 mg/m³ STEL</td>
<td>100 mg/m³ STEL</td>
<td></td>
</tr>
<tr>
<td>Xylene (1330-20-7) TWAs</td>
<td>100 ppm TWA</td>
<td>100 ppm TWA; 434 mg/m³ TWA</td>
<td>100 ppm TWA</td>
<td>100 ppm TWA; 435 mg/m³ TWA</td>
<td>50 mg/m³ TWA</td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide (13463-67-7) TWAs</td>
<td>10 mg/m³ TWA</td>
<td>10 mg/m³ TWA (containing no Asbestos and &lt;1% Crystalline silica, total)</td>
<td>10 mg/m³ TWA</td>
<td>30 mppcf TWA (as Ti); 10 mg/m³ TWA (as Ti)</td>
<td>8 mg/m³ TWA (total dust)</td>
<td></td>
</tr>
</tbody>
</table>
## Exposure Limits/Guidelines (Con’t.)

<table>
<thead>
<tr>
<th>Result</th>
<th>Cyprus</th>
<th>Denmark</th>
<th>Germany DFG</th>
<th>Germany TRGS</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene (1330-20-7)</td>
<td>TWAs</td>
<td>50 ppm TWA; 221 mg/m³ TWA</td>
<td>25 ppm TWA; 109 mg/m³ TWA</td>
<td>Not established</td>
<td>100 ppm TWA AGW (all isomers, exposure factor 2); 440 mg/m³ TWA AGW (all isomers, exposure factor 2)</td>
</tr>
<tr>
<td>STELs</td>
<td>100 ppm STEL; 442 mg/m³ STEL</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td>Ceilings</td>
<td>Not established</td>
<td>Not established</td>
<td>200 ppm Peak (all isomers); 880 mg/m³ Peak (all isomers)</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td>MAKs</td>
<td>Not established</td>
<td>Not established</td>
<td>100 ppm TWA MAK (all isomers); 440 mg/m³ TWA MAK (all isomers)</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td>Titanium dioxide (13463-67-7)</td>
<td>TWAs</td>
<td>Not established</td>
<td>6 mg/m³ TWA (as Ti)</td>
<td>Not established</td>
<td>Not established</td>
</tr>
</tbody>
</table>

### 8.2 Exposure controls

#### Engineering Measures/Controls
- This adhesive is designed to be used outdoors, in roofing applications. Good general ventilation 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 electrical/ventilating/lighting/equipment.

#### Personal Protective Equipment

**Respiratory**
- Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

**Eye/Face**
- Wear safety goggles.

**Skin/Body**
- Wear appropriate chemical resistant clothing. Wear appropriate gloves.

#### Environmental Exposure Controls
- In case of spills, keep product clear of sewers, waterways or land areas. Dispose of waste product in accordance with national and local laws and regulations.

### Key to abbreviations

- **ACGIH** = American Conference of Governmental Industrial Hygiene
- **MAK** = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration
- **NIOSH** = National Institute of Occupational Safety and Health
- **OSHA** = Occupational Safety and Health Administration

### Notations

**Cyprus**
- Xylene (1330-20-7): **Skin**: (Skin-potential for cutaneous absorption)

**Germany TRGS**
- Xylene (1330-20-7): **Skin**: (skin notation (all isomers))

**Germany DFG**
- Xylene (1330-20-7): **Pregnancy**: (classification not yet possible (all isomers)) | **Skin**: (skin notation (all isomers))
- Titanium dioxide (13463-67-7): **Carcinogens**: (Category 3A (could be carcinogenic for man, inhalable fraction with the exception of ultra small particles))

**Full Text**

Exposure Control Notations

Cyprus
- Xylene (1330-20-7): **Skin**: (Skin-potential for cutaneous absorption)

Germany TRGS
- Xylene (1330-20-7): **Skin**: (skin notation (all isomers))

Germany DFG
- Xylene (1330-20-7): **Pregnancy**: (classification not yet possible (all isomers)) | **Skin**: (skin notation (all isomers))
- Titanium dioxide (13463-67-7): **Carcinogens**: (Category 3A (could be carcinogenic for man, inhalable fraction with the exception of ultra small particles))

**Engineering Measures/Controls**
- This adhesive is designed to be used outdoors, in roofing applications. Good general ventilation 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 electrical/ventilating/lighting/equipment.

**Personal Protective Equipment**

- **Respiratory**
  - Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

- **Eye/Face**
  - Wear safety goggles.

- **Skin/Body**
  - Wear appropriate chemical resistant clothing. Wear appropriate gloves.

**Environmental Exposure Controls**
- In case of spills, keep product clear of sewers, waterways or land areas. Dispose of waste product in accordance with national and local laws and regulations.

**Key to abbreviations**

- **ACGIH** = American Conference of Governmental Industrial Hygiene
- **MAK** = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration
- **NIOSH** = National Institute of Occupational Safety and Health
- **OSHA** = Occupational Safety and Health Administration

- **STEL** = Short Term Exposure Limits are based on 15-minute exposures
- **STEV** = Short Term Exposure Value
- **TWA** = Time-Weighted Averages are based on 8h/day, 40h/week exposures
- **TWAEV** = Time-Weighted Average Exposure Value

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## Section 9 - Physical and Chemical Properties

### 9.1 Information on Physical and Chemical Properties

#### Material Description

<table>
<thead>
<tr>
<th>Physical Form</th>
<th>Liquid</th>
<th>Appearance/Description</th>
<th>White, gray or tan viscous liquid with a characteristic odor.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>White, gray or tan.</td>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Data lacking</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### General Properties

| Boiling Point | 139 C(282.2 F) | Melting Point | Data lacking |
| Decomposition Temperature | Data lacking | pH | Data lacking |
| Specific Gravity/Relative Density | 1.35 Water=1 | Density | 11.2 lbs/gal |
| Water Solubility | Immiscible | Viscosity | Data lacking |
| Explosive Properties | Data lacking | Oxidizing Properties: | Data lacking |

#### Volatility

| Vapor Pressure | Data lacking | Vapor Density | Data lacking |
| Evaporation Rate | Data lacking | VOC (Wt.) | 0.4 lbs/gal |

#### Flammability

| Flash Point | 47 C(116.6 F) | UEL | Data lacking |
| LEL | Data lacking | Autoignition | Data lacking |
| Flammability (solid, gas) | Not relevant. | |

#### 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

- Keep away from heat, sparks, and flame.

### 10.5 Incompatible materials

- Strong oxidizers, acids, and bases.

### 10.6 Hazardous decomposition products

- Carbon monoxide, carbon dioxide, nitrogen oxides.

## Section 11 - Toxicological Information

### 11.1 Information on toxicological effects
### Components

<table>
<thead>
<tr>
<th>Component</th>
<th>98-56-6</th>
<th>1330-20-7</th>
<th>13463-67-7</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Chloro-4-(trifluoromethyl) benzene</td>
<td>50% TO 100%</td>
<td>Acute Toxicity: Ingestion/Oral-Rat LD50 • 13 g/kg; Inhalation-Rat LC50 • 22 g/m³; Multi-dose Toxicity: Inhalation-Rat TCLo • 500 ppm 6 Hour(s) 4 Week(s)-Intermittent; Blood: Changes in serum composition (e.g., TP, bilirubin, cholesterol); Nutritional and Gross Metabolic: Changes in Chemistry or Temperature: Ca: Biochemical: Metabolism (intermediary): Other proteins</td>
<td></td>
</tr>
<tr>
<td>Xylene (2.5% TO 10%)</td>
<td>1330-20-7</td>
<td>Acute Toxicity: Ingestion/Oral-Rat LD50 • 4300 mg/kg; Liver: Other changes; Kidney, Ureter, and Bladder: Other changes; Inhalation-Rat LC50 • 5000 ppm 4 Hour(s); Skin-Rabbit LD50 • &gt;1700 mg/kg; Irritation: Eye-Rabbit • 5 mg 24 Hour(s) • Severe irritation; Skin-Rabbit • 100 % • Moderate irritation; Reproductive: Inhalation-Rat TCLo • 50 mg/m³ 6 Hour(s) (1-21D preg); Reproductive Effects: Specific Developmental Abnormalities: Musculoskeletal system; Reproductive Effects: Specific Developmental Abnormalities: Other developmental abnormalities; Reproductive Effects: Effects on Newborn: Growth statistics (e.g., reduced weight gain)</td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide (&lt;= 2.5%)</td>
<td>13463-67-7</td>
<td>Irritation: Skin-Human • 300 µg 3 Day(s)-Intermittent • Mild irritation; Tumorigen / Carcinogen: Inhalation-Rat TCLo • 250 mg/m³ 6 Hour(s) 2 Year(s)-Intermittent; Tumorigenic: Carcinogenic by RTECS criteria; Lungs, Thorax, or Respiration: Tumors</td>
<td></td>
</tr>
</tbody>
</table>

### GHS Properties

<table>
<thead>
<tr>
<th>Classification</th>
<th>EU/CLP</th>
<th>Data lacking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin corrosion/Irritation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin sensitization</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STOT-RE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STOT-SE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toxicity for Reproduction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serious eye damage/Irritation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Route(s) of entry/exposure

- Inhalation, Skin, Eye, Ingestion

### Potential Health Effects

#### Inhalation

- **Acute (Immediate)**
  - No data available
- **Chronic (Delayed)**
  - No data available

#### Skin

- **Acute (Immediate)**
  - Causes skin irritation.
Chronic (Delayed) ● No data available.

**Eye**

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

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

**Ingestion**

**Acute (Immediate)** ● No harmful effects expected in amounts likely to be ingested by accident.

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

**Carcinogenic Effects** ● Although this material contains titanium dioxide, which may be a carcinogen, due to the physical form of this material, it is unlikely that exposure to titanium dioxide will occur while using this material under normal conditions.

### Carcinogenic Effects

<table>
<thead>
<tr>
<th>CAS</th>
<th>IARC</th>
</tr>
</thead>
<tbody>
<tr>
<td>13463-67-7</td>
<td>Group 2B-Possible Carcinogen</td>
</tr>
</tbody>
</table>

**Reproductive Effects** ● May cause adverse reproductive effects - such as birth defects, miscarriages or infertility based on animal data.

**Key to abbreviations**

LC = Lethal Concentration
LD = Lethal Dose
TC = Toxic Concentration

---

### Section 12 - Ecological Information

#### 12.1 Toxicity

● Not expected to be harmful to aquatic organisms.

#### 12.2 Persistence and degradability

● No information available for the product.

#### 12.3 Bioaccumulative potential

● No information available for the product.

#### 12.4 Mobility in Soil

● No information available for the product.

#### 12.5 Results of PBT and vPvB assessment

● PBT and vPvB assessment has not been carried out.

#### 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** ● Containers, even those that have been emptied, can contain explosive vapors. Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
Section 14 - Transport Information

<table>
<thead>
<tr>
<th>14.1 UN number</th>
<th>14.2 UN proper shipping name</th>
<th>14.3 Transport hazard class(es)</th>
<th>14.4 Packing group</th>
<th>14.5 Environmental hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>UN1133</td>
<td>Adhesives</td>
<td>NDA</td>
<td>III</td>
</tr>
<tr>
<td>TDG</td>
<td>UN1133</td>
<td>ADHESIVES</td>
<td>NDA</td>
<td>III</td>
</tr>
<tr>
<td>IMO/IMDG</td>
<td>UN1133</td>
<td>ADHESIVES</td>
<td>NDA</td>
<td>III</td>
</tr>
<tr>
<td>ADN</td>
<td>UN1133</td>
<td>ADHESIVES</td>
<td>NDA</td>
<td>III</td>
</tr>
<tr>
<td>ADR/RID</td>
<td>UN1133</td>
<td>ADHESIVES</td>
<td>NDA</td>
<td>III</td>
</tr>
<tr>
<td>IATA/ICAO</td>
<td>UN1133</td>
<td>Adhesives</td>
<td>NDA</td>
<td>III</td>
</tr>
</tbody>
</table>

14.6 Special precautions for user
• None specified.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
• Data lacking.

Section 15 - Regulatory Information

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

SARA Hazard Classifications
• Fire, Acute, Chronic

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>MA</th>
<th>NJ</th>
<th>PA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Chloro-4-(trifluoromethyl) benzene</td>
<td>98-56-6</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Inventory

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>Canada DSL</th>
<th>Canada NDSL</th>
<th>China</th>
<th>EU EINECS</th>
<th>EU ELNICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Chloro-4-(trifluoromethyl) benzene</td>
<td>98-56-6</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

Inventory (Con’t.)

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>Japan ENCS</th>
<th>Korea KECL</th>
<th>TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Chloro-4-(trifluoromethyl) benzene</td>
<td>98-56-6</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>
### Labor

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

- 1-Chloro-4-(trifluoromethyl) benzene: 98-56-6 Not Listed
- Titanium dioxide: 13463-67-7 Not Listed
- Xylene: 1330-20-7 Not Listed

**Australia - High Volume Industrial Chemicals List**

- 1-Chloro-4-(trifluoromethyl) benzene: 98-56-6 Not Listed
- Titanium dioxide: 13463-67-7
- Xylene: 1330-20-7

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

- 1-Chloro-4-(trifluoromethyl) benzene: 98-56-6 Not Listed
- Titanium dioxide: 13463-67-7 Not Listed
- Xylene: 1330-20-7 Xn, Xi R10, R20/21, R38

### Environment

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

- 1-Chloro-4-(trifluoromethyl) benzene: 98-56-6 Not Listed
- Titanium dioxide: 13463-67-7 Not Listed
- Xylene: 1330-20-7

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

- 1-Chloro-4-(trifluoromethyl) benzene: 98-56-6 Not Listed
- Titanium dioxide: 13463-67-7 Not Listed
- Xylene: 1330-20-7

**Australia - Priority Existing Chemical Program**

- 1-Chloro-4-(trifluoromethyl) benzene: 98-56-6 Not Listed
- Titanium dioxide: 13463-67-7 Not Listed
- Xylene: 1330-20-7 Candidate chemical

### Belgium

**Labor**

**Belgium - Substances and Preparations - Carcinogens and Mutagens**

- 1-Chloro-4-(trifluoromethyl) benzene: 98-56-6 Not Listed
- Titanium dioxide: 13463-67-7 Not Listed
- Xylene: 1330-20-7 Not Listed

### Bulgaria

**Environment**

**Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - 24 Hour**

- 1-Chloro-4-(trifluoromethyl) benzene: 98-56-6 Not Listed
- Titanium dioxide: 13463-67-7 Not Listed
- Xylene: 1330-20-7 0.1 mg/m3 MAHCL

**Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - 30 Minute**

- 1-Chloro-4-(trifluoromethyl) benzene: 98-56-6 Not Listed
- Titanium dioxide: 13463-67-7 Not Listed
- Xylene: 1330-20-7 Not Listed
### Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - Annual

- **1-Chloro-4-(trifluoromethyl) benzene**: 98-56-6 Not Listed
- **Titanium dioxide**: 13463-67-7 Not Listed
- **Xylene**: 1330-20-7 Not Listed

---

### Canada

#### Labor

**Canada - WHMIS - Classifications of Substances**

- **1-Chloro-4-(trifluoromethyl) benzene**: 98-56-6 Not Listed
  - D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Titanium dioxide, mixture containing on Health Canada's WHMIS Division website.)

- **Titanium dioxide**: 13463-67-7 Not Listed

- **Xylene**: 1330-20-7 B2, D2A, D2B

**Canada - WHMIS - Ingredient Disclosure List**

- **1-Chloro-4-(trifluoromethyl) benzene**: 98-56-6 Not Listed
- **Titanium dioxide**: 13463-67-7 Not Listed
- **Xylene**: 1330-20-7 Not Listed

**Environment**

**Canada - CEPA - Priority Substances List**

- **1-Chloro-4-(trifluoromethyl) benzene**: 98-56-6 Not Listed
- **Titanium dioxide**: 13463-67-7 Not Listed
- **Priority Substance List 1 (substance not considered toxic)**
  - Xylene: 1330-20-7

---

### China

#### Other

**China - Annex I & II - Controlled Chemicals Lists**

- **1-Chloro-4-(trifluoromethyl) benzene**: 98-56-6 Not Listed
- **Titanium dioxide**: 13463-67-7 Not Listed
- **Xylene**: 1330-20-7 Not Listed

---

### Denmark

#### Environment

**Denmark - List of Undesirable Substances - Product Groups/Function**

- **1-Chloro-4-(trifluoromethyl) benzene**: 98-56-6 Not Listed
- **Titanium dioxide**: 13463-67-7 Not Listed
- **Xylene**: 1330-20-7 Not Listed

---

### Europe

#### Other

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

- **1-Chloro-4-(trifluoromethyl) benzene**: 98-56-6 Not Listed
- **Titanium dioxide**: 13463-67-7 Not Listed
- **Xylene**: 1330-20-7 R10 Xn; R20/21 Xi; R38
**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits**

- 1-Chloro-4-(trifluoromethyl) benzene: 98-56-6 Not Listed
- Titanium dioxide: 13463-67-7 Not Listed
- Xylene: 1330-20-7 12.5%≤C: Xn; R:20/21

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

- 1-Chloro-4-(trifluoromethyl) benzene: 98-56-6 Not Listed
- Titanium dioxide: 13463-67-7 Not Listed
- Xylene: 1330-20-7 Xn R:10-20/21-38 S:(2)-25

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

- 1-Chloro-4-(trifluoromethyl) benzene: 98-56-6 Not Listed
- Titanium dioxide: 13463-67-7 Not Listed
- Xylene: 1330-20-7 C

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

- 1-Chloro-4-(trifluoromethyl) benzene: 98-56-6 Not Listed
- Titanium dioxide: 13463-67-7 Not Listed
- Xylene: 1330-20-7 S:(2)-25

---

**Germany**

**Labor**

**Germany - Immission Control - Qualifying Quantities for Major Accident Prevention**

- 1-Chloro-4-(trifluoromethyl) benzene: 98-56-6 Not Listed
- Titanium dioxide: 13463-67-7 Not Listed
- Xylene: 1330-20-7 Not Listed

**Germany - Immission Control - Qualifying Quantities for Safety Reporting**

- 1-Chloro-4-(trifluoromethyl) benzene: 98-56-6 Not Listed
- Titanium dioxide: 13463-67-7 Not Listed
- Xylene: 1330-20-7 Not Listed

**Germany - TRGS 505 - Specific Lead Regulations**

- 1-Chloro-4-(trifluoromethyl) benzene: 98-56-6 Not Listed
- Titanium dioxide: 13463-67-7 Not Listed
- Xylene: 1330-20-7 Not Listed

**Germany - TRGS 511 - Specific Ammonium Nitrate Regulations**

- 1-Chloro-4-(trifluoromethyl) benzene: 98-56-6 Not Listed
- Titanium dioxide: 13463-67-7 Not Listed
- Xylene: 1330-20-7 Not Listed

---

**Environment**

**Germany - TA Luft - Types and Classes**

- 1-Chloro-4-(trifluoromethyl) benzene: 98-56-6 Not Listed
- Titanium dioxide: 13463-67-7 Not Listed
- Xylene: 1330-20-7 Not Listed

**Germany - TA Luft - Emission Limits for Carcinogenic Substances**

- 1-Chloro-4-(trifluoromethyl) benzene: 98-56-6 Not Listed
- Titanium dioxide: 13463-67-7 Not Listed
- Xylene: 1330-20-7 Not Listed

**Germany - TA Luft - Emission Limits for Fibers**
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 Not Listed

Germany - TA Luft - Emission Limits for Inorganic Dusts
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 Not Listed

Germany - TA Luft - Emission Limits for Inorganic Gases
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 Not Listed

Germany - TA Luft - Emission Limits for Organic Substances
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 Not Listed

Germany - Water Classification (VwVwS) - Annex 1
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 Not Listed

Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 ID Number 1112, hazard class 2 - hazard to waters
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 ID Number 206, hazard class 2 - hazard to waters

Germany - Water Classification (VwVwS) - Annex 3
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 Not Listed

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 Not Listed

U.S. - OSHA - Specifically Regulated Chemicals
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 Not Listed

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 (isomers and mixtures)

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 100 lb final RQ; 45.4 kg final RQ

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 1.0 % de minimis concentration

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 Included in waste stream: F039

U.S. - RCRA (Resource Conservation & Recovery Act) - Constituents for Detection Monitoring
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Phase 4 LDR Rule - Universal Treatment Standards
• 1-Chloro-4-(trifluoromethyl) benzene 98-56-6 Not Listed
• Titanium dioxide 13463-67-7 Not Listed
• Xylene 1330-20-7 0.32 mg/L (wastewater); 30 mg/kg (nonwastewater)
**U.S. - RCRA (Resource Conservation & Recovery Act) - TSD Facilities Ground Water Monitoring**

- 1-Chloro-4-(trifluoromethyl) benzene 98-56-6  Not Listed
- Titanium dioxide 13463-67-7  Not Listed
- Xylene 1330-20-7  (total)

**U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics**

- 1-Chloro-4-(trifluoromethyl) benzene 98-56-6  Not Listed
- Titanium dioxide 13463-67-7  Not Listed
- Xylene 1330-20-7  waste number U239 (Ignitable waste)

### United States - California

#### Environment

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

- 1-Chloro-4-(trifluoromethyl) benzene 98-56-6  Not Listed
carcinogen, initial date 9/2/11
- Titanium dioxide 13463-67-7  (airborne, unbound particles of respirable size)
- Xylene 1330-20-7  Not Listed

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

- 1-Chloro-4-(trifluoromethyl) benzene 98-56-6  Not Listed
- Titanium dioxide 13463-67-7  Not Listed
- Xylene 1330-20-7  Not Listed

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

- 1-Chloro-4-(trifluoromethyl) benzene 98-56-6  Not Listed
- Titanium dioxide 13463-67-7  Not Listed
- Xylene 1330-20-7  Not Listed

**U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)**

- 1-Chloro-4-(trifluoromethyl) benzene 98-56-6  Not Listed
- Titanium dioxide 13463-67-7  Not Listed
- Xylene 1330-20-7  Not Listed

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

- 1-Chloro-4-(trifluoromethyl) benzene 98-56-6  Not Listed
- Titanium dioxide 13463-67-7  Not Listed
- Xylene 1330-20-7  Not Listed

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

- 1-Chloro-4-(trifluoromethyl) benzene 98-56-6  Not Listed
- Titanium dioxide 13463-67-7  Not Listed
- Xylene 1330-20-7  Not Listed

### United States - Pennsylvania

#### Labor

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

- 1-Chloro-4-(trifluoromethyl) benzene 98-56-6  Not Listed
- Titanium dioxide 13463-67-7  Not Listed
- Xylene 1330-20-7  

**U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances**
15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

15.3 Other Information

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

Section 16 - Other Information

Relevant Phrases (code & full text)

- H225 - Highly flammable liquid and vapour
- H312 - Harmful in contact with skin
- H332 - Harmful if inhaled
- H351 - Suspected of causing cancer.
- R20/21 - Harmful by inhalation and in contact with skin.
- R38 - Irritating to skin.
- R40 - Limited evidence of a carcinogenic effect.

Last Revision Date
- 15/October/2014

Preparation Date
- 29/August/2011

Disclaimer/Statement of Liability

- The information contained herein is based on data considered accurate which has been obtained from other companies and organizations. However, no warranty or representation is expressed or implied that the information, is accurate, complete or representative. Firestone Building Products Company, LLC assumes no responsibility for injury to the buyer, the buyer's employees, or any third persons, if reasonable safety procedures are not followed. Additionally, Firestone Building Products Company assumes no responsibility for injury to buyer, the buyer's employees, or any third persons caused by abnormal use of this material, even if reasonable safety procedures are followed.

Key to abbreviations

NDA = No data available