

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
 Product name : Through the Roof! Clear Cartridge Grade  
 Product code : Not available

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Caulking

This SDS is designed for workplace employees, emergency personnel and for other situations where there is potential for large-scale or prolonged exposure, in accordance with the OSHA requirements.

This SDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label, SDS or both in accordance with applicable government regulations

#### 1.3. Supplier

Sashco Inc  
 10300 E. 107th Place  
 Brighton, CO 80601 - USA  
 T 800 767 5656  
[info@sashco.com](mailto:info@sashco.com)

#### 1.4. Emergency telephone number

Emergency number : 800 535 5053

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Flam. Liq. 2  
 Skin Irrit. 2  
 Repr. 2  
 STOT RE 2

#### 2.2. GHS Label elements, including precautionary statements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

Highly flammable liquid and vapor  
 Causes skin irritation  
 Suspected of damaging fertility or the unborn child  
 May cause damage to organs through prolonged or repeated exposure

Precautionary statements (GHS-US) :

Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
 Keep container tightly closed.  
 Ground/Bond container and receiving equipment  
 Use explosion-proof electrical/ventilating/lighting equipment  
 Use only non-sparking tools.  
 Take precautionary measures against static discharge.  
 Do not breathe dust/fume/gas/mist/vapor/spray.  
 Wash hands, forearms and face thoroughly after handling.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 If exposed or concerned: Get medical advice/attention.  
 If on skin (or hair): Wash with citrus based cleaner followed by washing with soap and water.  
 Take off contaminated clothing and wash it before reuse.  
 If skin irritation occurs: Get medical advice/attention.  
 Store in a well-ventilated place. Keep cool.

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Store locked up.

Dispose of contents/container in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name    | Product identifier | %       |
|---------|--------------------|---------|
| Toluene | (CAS-No.) 108-88-3 | 10 - 15 |

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

|                                       |                                                                                                                                                                                                         |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures after inhalation   | : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.                                      |
| First-aid measures after skin contact | : IF ON SKIN: Wash with citrus based cleaner followed by washing with soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. |
| First-aid measures after eye contact  | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.            |
| First-aid measures after ingestion    | : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.                                                |

### 4.2. Most important symptoms and effects (acute and delayed)

|                                     |                                                                                                                                               |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Symptoms/effects after inhalation   | : May cause irritation to the respiratory tract.                                                                                              |
| Symptoms/effects after skin contact | : Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.                                    |
| Symptoms/effects after eye contact  | : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling. |
| Symptoms/effects after ingestion    | : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.                                          |

### 4.3. Immediate medical attention and special treatment, if necessary

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

|                                |                                                                                                                                      |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media   | : Use extinguishing media appropriate for surrounding fire. Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Alcohol resistant foam. |
| Unsuitable extinguishing media | : Water spray may be ineffective.                                                                                                    |

### 5.2. Specific hazards arising from the chemical

|             |                                                                                                                    |
|-------------|--------------------------------------------------------------------------------------------------------------------|
| Fire hazard | : Highly flammable liquid and vapor. Products of combustion may include, and are not limited to: oxides of carbon. |
| Reactivity  | : No dangerous reactions known under normal conditions of use.                                                     |

### 5.3. Special protective equipment and precautions for fire-fighters

|                                |                                                                                                                    |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : Cool closed containers exposed to fire with water.                                                               |
| Protection during firefighting | : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). |

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### SECTION 6: Accidental release measures

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

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Use only non-sparking tools.

##### 6.1.1. For non-emergency personnel

No additional information available

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Prevent further leakage or spillage. Keep away from drains, surface and ground-water and soil.

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

For containment : Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Dike and contain spill. Prevent further leakage or spillage. Keep away from drains, surface and ground-water and soil.

Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation. Take precautionary measures against static discharges.

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust, fume, gas, mist, spray, vapors. Do not get in eyes, on skin, or on clothing. Do not swallow. Handle and open container with care. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical/ventilating/lighting equipment. Take precautionary measures against static discharge. Use non-sparking tools.

Hygiene measures : Take off contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product. Wash hands, forearms and face thoroughly after handling.

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

Technical measures : Proper grounding procedures to avoid static electricity should be followed.

Storage conditions : Store locked up. Keep out of the reach of children. Keep container tightly closed and in a well-ventilated place. Protect from moisture. Store in a cool, dry, place away from incompatible materials. Keep away from sources of ignition.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| Toluene (108-88-3) |                                                                                      |                                                                                                                      |
|--------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| ACGIH              | Local name                                                                           | Toluene                                                                                                              |
| ACGIH              | ACGIH TWA (ppm)                                                                      | 20 ppm                                                                                                               |
| ACGIH              | Remark (ACGIH)                                                                       | TLV® Basis: Visual impair; female repro; pregnancy loss. Notations: A4 (Not classifiable as a Human Carcinogen); BEI |
| ACGIH              | Regulatory reference                                                                 | ACGIH 2020                                                                                                           |
| OSHA               | OSHA PEL (TWA) (ppm)                                                                 | 200 ppm                                                                                                              |
| OSHA               | OSHA PEL (Ceiling) (ppm)                                                             | 300 ppm                                                                                                              |
| OSHA               | Acceptable maximum peak above the acceptable ceiling concentration for an 8-hr shift | 500 ppm Peak (10 minutes)                                                                                            |
| OSHA               | Regulatory reference (US-OSHA)                                                       | OSHA Annotated Table Z-2                                                                                             |
| IDLH               | US IDLH (ppm)                                                                        | 500 ppm                                                                                                              |
| NIOSH              | NIOSH REL (TWA) (mg/m³)                                                              | 375 mg/m³                                                                                                            |
| NIOSH              | NIOSH REL (TWA) (ppm)                                                                | 100 ppm                                                                                                              |

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| Toluene (108-88-3) |                                       |                       |
|--------------------|---------------------------------------|-----------------------|
| NIOSH              | NIOSH REL (STEL) (mg/m <sup>3</sup> ) | 560 mg/m <sup>3</sup> |
| NIOSH              | NIOSH REL (STEL) (ppm)                | 150 ppm               |

### 8.2. Appropriate engineering controls

- Appropriate engineering controls : Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location.
- Environmental exposure controls : Avoid release to the environment. Maintain levels below Community environmental protection thresholds.

### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

Wear suitable gloves resistant to chemical penetration

#### Eye protection:

Safety glasses or goggles are recommended when using product.

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

#### Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                                             |                                     |
|---------------------------------------------|-------------------------------------|
| Physical state                              | : Liquid                            |
| Appearance                                  | : Clear paste                       |
| Color                                       | : Clear paste                       |
| Odor                                        | : Solvent                           |
| Odor threshold                              | : No data available                 |
| pH                                          | : No data available                 |
| Melting point                               | : No data available                 |
| Freezing point                              | : No data available                 |
| Boiling point                               | : >95 °F / 35 °C                    |
| Flash point                                 | : 48 °F ASTM D-93                   |
| Relative evaporation rate (butyl acetate=1) | : No data available                 |
| Flammability (solid, gas)                   | : Highly flammable liquid and vapor |
| Vapor pressure                              | : No data available                 |
| Relative vapor density at 20 °C             | : No data available                 |
| Relative density                            | : 0.88                              |
| Solubility                                  | : Immiscible                        |
| Partition coefficient n-octanol/water       | : No data available                 |
| Auto-ignition temperature                   | : No data available                 |
| Decomposition temperature                   | : No data available                 |
| Viscosity, kinematic                        | : No data available                 |
| Viscosity, dynamic                          | : 214,000 @ 10 rpm / 25°C           |
| Explosion limits                            | : No data available                 |
| Explosive properties                        | : No data available                 |
| Oxidizing properties                        | : No data available                 |

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### 9.2. Other information

No additional information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Keep away from heat, sparks and flames. Sources of ignition. Incompatible materials.

### 10.5. Incompatible materials

Strong oxidizing agents.

### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. May release flammable gases.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| Toluene (108-88-3)  |              |
|---------------------|--------------|
| LD50 oral rat       | 2600 mg/kg   |
| LD50 dermal rabbit  | 12000 mg/kg  |
| LC50 inhalation rat | 12.5 mg/l/4h |

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Not classified

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

| Toluene (108-88-3) |                      |
|--------------------|----------------------|
| IARC group         | 3 - Not classifiable |

Reproductive toxicity : Suspected of damaging fertility or the unborn child.

Specific target organ toxicity – single exposure : Not classified

| Toluene (108-88-3)   |                                    |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |

Specific target organ toxicity – repeated exposure : May cause damage to organs through prolonged or repeated exposure.

| Toluene (108-88-3)     |                                                                    |
|------------------------|--------------------------------------------------------------------|
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |

Aspiration hazard : Not classified

Symptoms/effects after inhalation : May cause irritation to the respiratory tract.

Symptoms/effects after skin contact : Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Symptoms/effects after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

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according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

### 12.2. Persistence and degradability

No additional information available.

### 12.3. Bioaccumulative potential

No additional information available.

### 12.4. Mobility in soil

No additional information available.

### 12.5. Other adverse effects

No additional information available.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with local, regional, national and/or international regulation.

## SECTION 14: Transport information

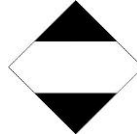
### Department of Transportation (DOT)

In accordance with DOT

UN-No.(DOT) : UN1133  
Proper Shipping Name (DOT) : Adhesives  
Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120  
Packing group (DOT) : III (As per 173.121(b) exemption)  
Hazard labels (DOT) :



Proper Shipping Name (DOT) : Adhesives ( limited quantity)  
Class (DOT) : Limited quantity  
Hazard labels (DOT) LTD QTY - Limited quantity :



### Transport by sea

Transport document description (IMDG) : UN 1133 ADHESIVES, 3, III  
UN-No. (IMDG) : 1133  
Proper Shipping Name (IMDG) : ADHESIVES  
Class (IMDG) : 3 - Flammable liquids  
Packing group (IMDG) : III - substances presenting low danger  
Limited quantities (IMDG) : 5 L

### Air transport

Transport document description (IATA) : UN 1133 Adhesives, 3, III  
UN-No. (IATA) : 1133  
Proper Shipping Name (IATA) : Adhesives  
Class (IATA) : 3 - Flammable Liquids  
Packing group (IATA) : III - Minor Danger  
Limited quantities (IATA) : 10 L

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

No additional information available

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### 15.2. International regulations

No additional information available

### 15.3. US State regulations

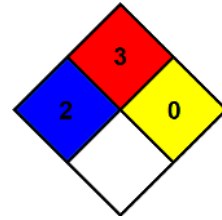
**⚠ WARNING:** Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## SECTION 16: Other information

Date of issue : 04/10/2014  
Revision date : 06/19/2020  
Other information : None.  
Prepared by : Nexreg Compliance Inc.  
[www.Nexreg.com](http://www.Nexreg.com)



NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.  
NFPA fire hazard : 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.  
NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



HMIS Hazard Rating  
Health : 2 Moderate Hazard - Temporary or minor injury may occur  
Flammability : 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC)  
Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.  
Personal protection : B - Safety glasses, Gloves  
Indication of changes:  
Disclosure. Composition/Information on ingredients. Product name. SDS update.

SDS US (GHS HazCom 2012)\_NEXREG\_NEW

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