# Material Safety Data Sheet

**TempSpan® Transparent Temporary Cement - Base**

## 1. Product and company identification

<table>
<thead>
<tr>
<th>Product name</th>
<th>TempSpan® Transparent Temporary Cement - Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material uses</td>
<td>Dental product (Kit)</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>Pentron Clinical</td>
</tr>
<tr>
<td></td>
<td>1717 West Collins Avenue Orange, CA 92867-5422</td>
</tr>
<tr>
<td></td>
<td>Telephone no.: 1-203-265-7397, Toll Free: 1-800-551-0283</td>
</tr>
<tr>
<td>Prepared by</td>
<td>IHS</td>
</tr>
<tr>
<td>In case of emergency</td>
<td>CHEMTREC® (24 hours) U.S. : 1-800-424-9300 International: +1-703-527-3887</td>
</tr>
</tbody>
</table>

## 2. Hazards identification

### Physical state
- Solid. [Paste.]

### Color
- Various

### Odor
- Fruity.

**Emergency overview**

- **Signal word**: WARNING!
- **Hazard statements**: CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. CONTAINS MATERIAL THAT MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA. BIRTH DEFECT HAZARD - CAN CAUSE BIRTH DEFECTS. DEVELOPMENTAL HAZARD - CAN CAUSE ADVERSE DEVELOPMENTAL EFFECTS. REPRODUCTIVE HAZARD.

### Precautions
- Health effects are based on the uncured material. Avoid exposure - obtain special instructions before use. Do not get on skin or clothing. Avoid contact with eyes. Avoid exposure during pregnancy. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling.

### Routes of entry
- Dermal contact. Eye contact. Inhalation. Ingestion.

### Potential acute health effects

- **Inhalation**: Irritating to respiratory system. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- **Ingestion**: No known significant effects or critical hazards.
- **Skin**: Irritating to skin. May cause sensitization by skin contact.
- **Eyes**: Irritating to eyes.

### Potential chronic health effects

- **Chronic effects**: Contains material that may cause target organ damage, based on animal data. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
- **Carcinogenicity**: No known significant effects or critical hazards.
- **Mutagenicity**: No known significant effects or critical hazards.
- **Teratogenicity**: Can cause birth defects.
- **Developmental effects**: Can cause developmental abnormalities.
- **Fertility effects**: Can impair fertility.
2. **Hazards identification**

**Target organs**

Contains material which may cause damage to the following organs: kidneys, the nervous system, the reproductive system, liver, gastrointestinal tract, upper respiratory tract, skin, eye, lens or cornea, testes.

**Over-exposure signs/symptoms**

**Inhalation**

- Adverse symptoms may include the following:
  - respiratory tract irritation
  - coughing

**Ingestion**

- Adverse symptoms may include the following:
  - reduced fetal weight
  - increase in fetal deaths
  - skeletal malformations

**Skin**

- Adverse symptoms may include the following:
  - irritation
  - redness
  - reduced fetal weight
  - increase in fetal deaths
  - skeletal malformations

**Eyes**

- Adverse symptoms may include the following:
  - pain or irritation
  - watering
  - redness
  - reduced fetal weight
  - increase in fetal deaths
  - skeletal malformations

**Medical conditions aggravated by over-exposure**

Pre-existing skin disorders and disorders involving any other target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product.

3. **Composition/information on ingredients**

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>dibutyl phthalate</td>
<td>84-74-2</td>
<td>5-10</td>
</tr>
<tr>
<td>2-hydroxyethyl methacrylate</td>
<td>868-77-9</td>
<td>5-10</td>
</tr>
<tr>
<td>triclosan</td>
<td>3380-34-5</td>
<td>0.1-1</td>
</tr>
</tbody>
</table>

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. **First aid measures**

**Eye contact**

- No special measures are required. In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if symptoms occur.

**Skin contact**

- No special measures required. In case of contact, immediately flush skin with plenty of water. Get medical attention if symptoms occur.

**Inhalation**

- Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.
4. First aid measures

Ingestion: Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Get medical attention if adverse health effects persist or are severe.

Protection of first-aiders: In case of major fire and large quantities: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

Antidote information

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Antidote information</th>
</tr>
</thead>
<tbody>
<tr>
<td>No antidote information known</td>
<td></td>
</tr>
</tbody>
</table>

Notes to physician: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

5. Fire-fighting measures

Extinguishing media

Suitable: In case of fire, use water spray (fog), foam, dry chemical or CO₂.

Not suitable: None known.

Special exposure hazards: In case of major fire and large quantities: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Hazardous thermal decomposition products: Decomposition products may include the following materials:
- carbon dioxide
- carbon monoxide
- nitrogen oxides
- sulfur oxides
- halogenated compounds
- metal oxide/oxides

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions: Low release. For professional use only. Handling of product in very small amounts or in situations where release is highly unlikely.

Environmental precautions: Low release. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up

Small spill: Small Quantity. For professional use only. Absorb with an inert material and place in an appropriate waste disposal container.

Large spill: Small Quantity. For professional use only. Absorb with an inert material and place in an appropriate waste disposal container.
# Handling and storage

**Handling**

No special measures are required for small quantities under normal and intended conditions of product use. For professional use only. Put on appropriate personal protective equipment (see Section 8). Handle with care and dispose in a safe manner.

**Storage**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

# Exposure controls/personal protection

## Occupational exposure limits

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>List name</th>
<th>TWA (8 hours)</th>
<th>STEL (15 mins)</th>
<th>Ceiling</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>ppm</td>
<td>mg/m³</td>
<td>Other</td>
</tr>
<tr>
<td>dibutyl phthalate</td>
<td>US ACGIH 6/2013</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>AB 4/2009</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>BC 7/2013</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>ON 1/2013</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>QC 12/2012</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Consult local authorities for acceptable exposure limits.

### Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### Engineering measures

No special measures are required for small quantities under normal and intended conditions of product use.

### Hygiene measures

No special measures are required for small quantities under normal and intended conditions of product use.

### Personal protection

**Respiratory**

No special measures are required for small quantities under normal and intended conditions of product use.

**Hands**

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Eyes**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

**Skin**

No special measures are required for small quantities under normal and intended conditions of product use.

**Environmental exposure controls**

No special measures are required for small quantities under normal and intended conditions of product use.
9. Physical and chemical properties

Physical state: Solid. [Paste.]
Flash point: Not available.
Auto-ignition temperature: Not available.
Flammable limits: Not available.
Color: Various
Odor: Fruity.
pH: Not available.
Boiling/condensation point: Not available.
Melting/freezing point: Not available.
Relative density: 2.5
Density: Not available.
Vapor pressure: Not available.
Vapor density: Not available.
Odor threshold: Not available.
Evaporation rate: Not available.
Viscosity: Not available.
Solubility: Insoluble in the following materials: cold water and hot water.

10. Stability and reactivity

Chemical stability: The product is stable.
Conditions to avoid: Keep away from heat. Light.
Incompatible materials: Reactive or incompatible with the following materials: oxidizing materials and reducing materials. Peroxide.
Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

11. Toxicological information

Acute toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>dibutyl phthalate</td>
<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>&gt;25000 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>7499 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td>2-hydroxyethyl methacrylate triclosan</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>4230 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>9300 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>3700 mg/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

Conclusion/Summary: Based on the criteria of the protocol, this product is considered cytotoxic per ISO 10993-5.

Chronic toxicity
Not available.

Irritation/Corrosion

6/17/2014. Canada
11. Toxicological information

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Score</th>
<th>Exposure</th>
<th>Observation</th>
</tr>
</thead>
<tbody>
<tr>
<td>triclosan</td>
<td>Skin - Mild irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>10 Percent</td>
<td>-</td>
</tr>
</tbody>
</table>

**Sensitizer**
Not available.

**Carcinogenicity**

**Classification**

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>EPA</th>
<th>NIOSH</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica, amorphous, fumed, cryst.-free</td>
<td>-</td>
<td>3</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Mutagenicity**
Not available.

**Teratogenicity**
Not available.

**Reproductive toxicity**
Not available.

12. Ecological information

**Ecotoxicity**

**Aquatic ecotoxicity**

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>dibutyl phthalate</td>
<td>Acute EC50 3.4 µg/l Marine water</td>
<td>Algae - Gymnodinium breve</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Acute EC50 2990 µg/l Fresh water</td>
<td>Daphnia - Daphnia magna</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 480 µg/l Fresh water</td>
<td>Fish - Lepomis macrochirus - Juvenile (Fledgling, Hatchling, Weanling)</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Chronic NOEC 210 µg/l Fresh water</td>
<td>Algae - Pseudokirchneriella subcapitata</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Chronic NOEC 500 µg/l Fresh water</td>
<td>Daphnia - Daphnia magna</td>
<td>21 days</td>
</tr>
<tr>
<td></td>
<td>Chronic NOEC 25 µg/l Fresh water</td>
<td>Fish - Danio rerio - Embryo</td>
<td>5 weeks</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 227000 µg/l Fresh water</td>
<td>Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling)</td>
<td>96 hours</td>
</tr>
<tr>
<td>2-hydroxyethyl methacrylate</td>
<td>Acute EC50 0.7 µg/l Fresh water</td>
<td>Algae - Scenedesmus subspecificus</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Acute EC50 62.5 µg/l Fresh water</td>
<td>Aquatic plants - Lemna gibba</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Acute EC50 0.18 ppm Fresh water</td>
<td>Daphnia - Daphnia magna</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>Acute IC50 0.53 µg/l Fresh water</td>
<td>Algae - Pseudokirchneriella subcapitata - Exponential growth phase</td>
<td>72 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 91.3 µg/l Marine water</td>
<td>Crustaceans - Ampelisca abdita</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 0.25 ppm Fresh water</td>
<td>Fish - Pimephales promelas</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Chronic NOEC 0.2 µg/l Fresh water</td>
<td>Algae - Pseudokirchneriella subcapitata - Exponential growth phase</td>
<td>72 hours</td>
</tr>
<tr>
<td>triclosan</td>
<td>Acute EC50 0.7 µg/l Fresh water</td>
<td>Algae - Scenedesmus subspecificus</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Acute EC50 62.5 µg/l Fresh water</td>
<td>Aquatic plants - Lemna gibba</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Acute EC50 0.18 ppm Fresh water</td>
<td>Daphnia - Daphnia magna</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>Acute IC50 0.53 µg/l Fresh water</td>
<td>Algae - Pseudokirchneriella subcapitata - Exponential growth phase</td>
<td>72 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 91.3 µg/l Marine water</td>
<td>Crustaceans - Ampelisca abdita</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 0.25 ppm Fresh water</td>
<td>Fish - Pimephales promelas</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Chronic NOEC 0.2 µg/l Fresh water</td>
<td>Algae - Pseudokirchneriella subcapitata - Exponential growth phase</td>
<td>72 hours</td>
</tr>
<tr>
<td></td>
<td>Chronic NOEC 18 µg/l Fresh water</td>
<td>Daphnia - Daphnia magna</td>
<td>21 days</td>
</tr>
<tr>
<td></td>
<td>Chronic NOEC 15.1 µg/l Fresh water</td>
<td>Fish - Oncorhynchus mykiss</td>
<td>35 days</td>
</tr>
</tbody>
</table>

Canada
12. Ecological information

**Persistence/degradability**

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Test</th>
<th>Result</th>
<th>Dose</th>
<th>Inoculum</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-hydroxyethyl methacrylate</td>
<td>301C Ready Biodegradability - Modified MITI Test (I)</td>
<td>92 to 100 % - 14 days</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Partition coefficient: n-octanol/water**: Not available.

**Bioconcentration factor**: Not available.

**Mobility**: Not available.

**Toxicity of the products of biodegradation**: Not available.

**Other adverse effects**: No known significant effects or critical hazards.

13. Disposal considerations

**Waste disposal**: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14. Transport information

<table>
<thead>
<tr>
<th>Regulatory information</th>
<th>UN number</th>
<th>Proper shipping name</th>
<th>Classes</th>
<th>PG*</th>
<th>Label</th>
<th>Additional information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TDG Classification</strong></td>
<td>UN3077</td>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (dibutyl phthalate). Marine pollutant (dibutyl phthalate)</td>
<td>9</td>
<td>III</td>
<td></td>
<td>The product is not regulated as a dangerous good when transported by road or rail. <strong>Explosive Limit and Limited Quantity Index</strong> 5 <strong>Special provisions</strong> 16</td>
</tr>
</tbody>
</table>

| **IMDG Class** | UN3077 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (dibutyl phthalate, triclosan). Marine pollutant (dibutyl phthalate, triclosan) | 9       | III |       | The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg. **Emergency schedules (EmS)** F-A, S-F **Special provisions** 274, 335, 966, 967 |
14. Transport information

<table>
<thead>
<tr>
<th>IATA-DGR Class</th>
<th>UN3077</th>
<th>Environmentally hazardous substance, solid, n.o.s. (dibutyl phthalate, triclosan)</th>
<th>9</th>
<th>III</th>
</tr>
</thead>
</table>

The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.

**Passenger and Cargo Aircraft**
- Quantity limitation: 400 kg
- Packaging instructions: 956

**Cargo Aircraft Only**
- Quantity limitation: 400 kg
- Packaging instructions: 956

**Limited Quantities - Passenger Aircraft**
- Quantity limitation: 30 kg
- Packaging instructions: Y956

**Special provisions**
- A97, A158, A179

PG* : Packing group

15. Regulatory information

**United States inventory (TSCA 8b)**
- : Not determined.

**WHMIS (Canada)**
- Class D-2A: Material causing other toxic effects (Very toxic).
- Class D-2B: Material causing other toxic effects (Toxic).

**Canadian lists**
- **Canadian NPRI**
  - The following components are listed: Dibutyl phthalate
- **CEPA Toxic substances**
  - None of the components are listed.
- **Canada inventory**
  - Not determined.

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

**International regulations**

**International lists**
- **Australia inventory (AICS)**: Not determined.
- **China inventory (IECSC)**: Not determined.
- **Japan inventory**: Not determined.
- **Korea inventory**: Not determined.
- **Malaysia Inventory (EHS Register)**: Not determined.
- **New Zealand Inventory of Chemicals (NZIoC)**: Not determined.
- **Philippines inventory (PICCS)**: Not determined.
- **Taiwan inventory (CSNN)**: Not determined.

**Chemical Weapons Convention List Schedule I Chemicals**
- Not listed

**Chemical Weapons Convention List Schedule II Chemicals**
- Not listed

**Chemical Weapons Convention List Schedule III Chemicals**
- Not listed

6/17/2014.  Canada
16. Other information

Label requirements: CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. CONTAINS MATERIAL THAT MAY CAUSE ORGAN DAMAGE, BASED ON ANIMAL DATA. BIRTH DEFECT HAZARD - CAN CAUSE BIRTH DEFECTS. DEVELOPMENTAL HAZARD - CAN CAUSE ADVERSE DEVELOPMENTAL EFFECTS. REPRODUCTIVE HAZARD.

Hazardous Material Information System (U.S.A.):

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910. 1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868. The customer is responsible for determining the PPE code for this material.

Date of issue: 6/17/2014.
Date of previous issue: No previous validation.
Version: 1

Notice to reader
To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.