

**SECTION 1: Identification**
**1.1. Identification**

Product form : Mixture  
 Trade name : CAFCO® FENDOLITE® TG

**1.2. Recommended use and restrictions on use**

Use of the substance/mixture : For professional use only  
 Spray-Applied Fire Resistive Materials

**1.3. Supplier**

Manufacturer:  
 USMPC Buyer Inc, dba Isolatek International  
 41 Furnace Street  
 Stanhope NJ 07874  
 technical@isolatek.com  
 Toll Free: 1 800 631 9600


**1.4. Emergency telephone number**

Emergency number : CHEMTREC 1 800 424 9300 (North America), +1 703 527 3887 (International)

**SECTION 2: Hazard(s) identification**
**2.1. Classification of the substance or mixture**
**GHS US classification**

|  |                                     |
|--|-------------------------------------|
| Skin corrosion/irritation Category 2   | Causes skin irritation              |
| Serious eye damage/eye irritation Category 1   | Causes serious eye damage           |
| Skin sensitization, Category 1   | May cause an allergic skin reaction |
| Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation | May cause respiratory irritation    |

**2.2. GHS Label elements, including precautionary statements**
**GHS US labeling**

Hazard pictograms (GHS US) : 

Signal word (GHS US) : Danger  
 Hazard statements (GHS US) : Causes skin irritation  
 May cause an allergic skin reaction  
 Causes serious eye damage  
 May cause respiratory irritation

Precautionary statements (GHS US) : Avoid breathing dust.  
 Wash hands thoroughly after handling.  
 Use only outdoors or in a well-ventilated area.  
 Contaminated work clothing must not be allowed out of the workplace.  
 Wear eye protection, protective gloves, protective clothing.  
 If on skin: Wash with plenty of water.  
 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.  
 Immediately call a poison center or doctor.

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Call a poison center or doctor if you feel unwell.  
If skin irritation or rash occurs: Get medical advice/attention.  
Take off contaminated clothing and wash it before reuse.  
Wash contaminated clothing before reuse.  
Store in a well-ventilated place. Keep container tightly closed.  
Store locked up.  
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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

Other hazards which do not result in classification : This product may contain trace amounts of crystalline silica. Prolonged and/or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness.

### **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  | %       | GHS US classification  |
|-----------------------------|---------------------|---------|--|
| Cement, portland, chemicals | CAS-No.: 65997-15-1 | 35 - 55 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>STOT SE 3, H335 |

## **SECTION 4: First-aid measures**

### **4.1. Description of first aid measures**

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell.  
First-aid measures after skin contact : Immediately rinse with plenty of water (for at least 15 minutes). Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.  
First-aid measures after eye contact : In case of eye contact, immediately rinse with clean water for 20-30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention immediately.  
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Call a poison center/doctor/physician if you feel unwell.

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

Symptoms/effects after inhalation : May cause respiratory irritation.  
Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.  
Symptoms/effects after eye contact : Serious damage to eyes.  
Symptoms/effects after ingestion : May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

Treat symptomatically.

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### SECTION 5: Fire-fighting measures

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

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.  
Unsuitable extinguishing media : Do not use a heavy water stream.

#### **5.2. Specific hazards arising from the chemical**

- Fire hazard : Presents no particular fire or explosion hazard.  
Explosion hazard : No hazard identified.  
Hazardous decomposition products in case of fire : Thermal decomposition may produce : Nitrogen oxides. Carbon oxides (CO, CO<sub>2</sub>).

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

- Firefighting instructions : Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

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

- General measures : Avoid breathing dust. Evacuate unnecessary personnel. Only qualified personnel equipped with suitable protective equipment may intervene.

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

- Protective equipment : Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

##### **6.1.2. For emergency responders**

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### **6.2. Environmental precautions**

Avoid release to the environment.

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

- For containment : Contain and collect as any solid.  
Methods for cleaning up : Mechanically recover the product. On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials. Notify authorities if product enters sewers or public waters.  
Other information : Dispose in a safe manner in accordance with local/national regulations.

#### **6.4. Reference to other sections**

No additional information available

### SECTION 7: Handling and storage

#### **7.1. Precautions for safe handling**

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing dust. Wear personal protective equipment. Use only outdoors or in a well-ventilated area.  
Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Separate working clothes from town clothes. Launder separately. Always wash hands after handling the product. Handle in accordance with good industrial hygiene and safety procedures.



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

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Strong acids. Keep container closed when not in use. Store locked up. Protect from moisture.

Incompatible materials : Strong acids.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| CAFCO® FENDOLITE® TG                       |  |
|--|--|
| No additional information available        |  |
| Cement, portland, chemicals (65997-15-1)   |  |
| USA - ACGIH - Occupational Exposure Limits |  |
| Local name                                 | Portland cement  |
| ACGIH OEL TWA                              | 10 mg/m <sup>3</sup>   |
| Remark (ACGIH)                             | (particulate matter containing no asbestos and <1% crystalline silica)     |
| ACGIH chemical category                    | Not Classifiable as a Human Carcinogen                                     |
| Regulatory reference                       | ACGIH 2021   |
| USA - OSHA - Occupational Exposure Limits  |  |
| Local name                                 | Portland cement  |
| OSHA PEL (TWA) [1]                         | 15 mg/m <sup>3</sup> (total dust)<br>5 mg/m <sup>3</sup> (respirable dust) |
| OSHA PEL (TWA) [2]                         | 50 ppm   |
| Remark (OSHA)                              | Table Z-3. CAS No. source: eCFR Table Z-1.                                 |
| Regulatory reference (US-OSHA)             | OSHA Annotated Table Z-1 and OSHA Annotated Table Z-3 Mineral Dusts        |
| USA - NIOSH - Occupational Exposure Limits |  |
| NIOSH REL (TWA)                            | 10 mg/m <sup>3</sup> (total dust)<br>5 mg/m <sup>3</sup> (respirable dust) |

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

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

#### **Hand protection:**

Impermeable protective nitrile gloves

#### **Eye protection:**

Chemical goggles or safety glasses

#### **Respiratory protection:**

In case of inadequate ventilation wear respiratory protection. Where excessive dust may result, wear approved mask

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### SECTION 9: Physical and chemical properties

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

|   |                      |
|---|----------------------|
| Physical state                                  | : Solid              |
| Appearance                                      | : Powder. Flakes.    |
| Color   | : Gray Gold          |
| Odor  | : Slight             |
| Odor threshold                                  | : No data available  |
| pH  | : Not applicable     |
| pH solution                                     | : 12                 |
| Melting point                                   | : > 981 °C (1800 °F) |
| Freezing point                                  | : No data available  |
| Boiling point                                   | : No data available  |
| Flash point                                     | : No data available  |
| Relative evaporation rate (butyl acetate=1)     | : No data available  |
| Flammability (solid, gas)                       | : Non flammable.     |
| Vapor pressure                                  | : No data available  |
| Relative vapor density at 20 °C                 | : No data available  |
| Relative density                                | : No data available  |
| Solubility                                      | : No data available  |
| Partition coefficient n-octanol/water (Log Pow) | : No data available  |
| Auto-ignition temperature                       | : No data available  |
| Decomposition temperature                       | : No data available  |
| Viscosity, kinematic                            | : No data available  |
| Viscosity, dynamic                              | : No data available  |
| Explosion limits                                | : No data available  |
| Explosive properties                            | : No data available  |
| Oxidizing properties                            | : No data available  |

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

#### 10.3. Possibility of hazardous reactions

None under normal conditions.

#### 10.4. Conditions to avoid

Strong acids.

#### 10.5. Incompatible materials

Strong acids.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

|                                   |   |
|-----------------------------------|---|
| Acute toxicity (oral)             | : Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (dermal)           | : Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (inhalation)       | : Not classified (Based on available data, the classification criteria are not met) |
| Skin corrosion/irritation         | : Causes skin irritation.<br>pH: 12   |
| Serious eye damage/irritation     | : Causes serious eye damage.<br>pH: 12  |
| Respiratory or skin sensitization | : May cause an allergic skin reaction.  |
| Germ cell mutagenicity            | : Not classified (Based on available data, the classification criteria are not met) |
| Carcinogenicity                   | : Not classified (Based on available data, the classification criteria are not met) |
| Reproductive toxicity             | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-single exposure              | : May cause respiratory irritation.   |

#### **Cement, portland, chemicals (65997-15-1)**

|                                     |   |
|-------------------------------------|---|
| STOT-single exposure                | May cause respiratory irritation.   |
| STOT-repeated exposure              | : Not classified (Based on available data, the classification criteria are not met) |
| Aspiration hazard                   | : Not classified (Based on available data, the classification criteria are not met) |
| Viscosity, kinematic                | : No data available   |
| Symptoms/effects after inhalation   | : May cause respiratory irritation.   |
| Symptoms/effects after skin contact | : Irritation. May cause an allergic skin reaction.                                  |
| Symptoms/effects after eye contact  | : Serious damage to eyes.   |
| Symptoms/effects after ingestion    | : 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 : This material has not been tested for environmental effects.

#### 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

Other information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

|  |   |
|--|---|
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations.                     |
| Ecology - waste materials                  | : Avoid release to the environment.   |

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### SECTION 14: Transport information

In accordance with Department of Transport / Transportation of Dangerous Goods / IMDG / IATA

| DOT                                     | TDG            | IMDG           | IATA           |
|---|----------------|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |                |
| Not regulated for transport             |                |                |                |
| <b>14.2. Proper Shipping Name</b>       |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| No supplementary information available  |                |                |                |

#### **14.6. Special precautions for user**

##### **DOT**

No data available

##### **TDG**

No data available

##### **IMDG**

No data available

##### **IATA**

No data available

#### **14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

### SECTION 15: Regulatory information

#### **15.1. US Federal regulations**

No additional information available

#### **15.2. International regulations**

##### **CANADA**

No additional information available

##### **EU-Regulations**

No additional information available

##### **National regulations**

No additional information available

#### **15.3. US State regulations**

No additional information available



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### SECTION 16: Other information

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Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.