Coated Firestop Board
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Date of issue: 08 August 2018 Revision date: 08 August 2018 Version: 1.0

SECTION 1: Identification

1.1. Identification
Product form : Mixture
Trade name : Coated Firestop Board
Product code : FP-05

1.2. Recommended use and restrictions on use
Use of the substance/mixture : Fill, Void Or Cavity Materials

1.3. Supplier
International Fireproof Technology, Inc.
17528 Von Karman Ave.
Irvine, CA 92614
T 949-975-8588
ptp@painttoprotect.com

1.4. Emergency telephone number
Emergency number : CHEMTREC 1-800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture
GHS-US classification
Not classified

2.2. GHS Label elements, including precautionary statements
GHS-US labeling
No labeling applicable

2.3. Other hazards which do not result in classification
Other hazards not contributing to the classification : May cause sensitization of susceptible persons. Exposure to respirable dust is not anticipated due to the physical form of the product.

2.4. Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glass, oxide</td>
<td>(CAS-No.) 65997-17-3</td>
<td>70 - 80</td>
<td>Carc. 1B, H350</td>
</tr>
<tr>
<td>Ammonium polyphosphate</td>
<td>(CAS-No.) 68333-79-9</td>
<td>1 - 10</td>
<td>Acute Tox. 4 (Oral), H302</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2B, H320</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>(CAS-No.) 13463-67-7</td>
<td>1 - 5</td>
<td>Carc. 2, H351</td>
</tr>
</tbody>
</table>

Full text of hazard classes and H-statements : see section 16

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 or doctor/physician if you feel unwell.
First-aid measures after skin contact : If skin irritation occurs: Get medical advice/attention. Rinse skin with water/shower.
First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
Symptoms/effects after skin contact: May cause sensitization of susceptible persons.
Symptoms/effects after eye contact: Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
Symptoms/effects after ingestion: Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

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: None known.

5.2. Specific hazards arising from the chemical

Fire hazard: None known.
Explosion hazard: No direct explosion hazard.
Reactivity: Stable under normal conditions of use.

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 enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.
Emergency procedures: Ventilate area.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: On land, sweep or shovel into suitable containers. Minimize generation of dust. Ensure all national/local regulations are observed.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13: "Disposal considerations".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Avoid creating or spreading dust.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in the original container in a cool well ventilated place.
Incompatible materials: None known.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ammonium polyphosphate (68333-79-9)

Not applicable
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<table>
<thead>
<tr>
<th></th>
<th>ACGIH</th>
<th>Titanium dioxide</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>Local name</td>
<td>Titanium dioxide</td>
</tr>
<tr>
<td></td>
<td>ACGIH TWA (mg/m³)</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>ACGIH</td>
<td>Remark (ACGIH)</td>
<td>LRT irr; A4</td>
</tr>
<tr>
<td>ACGIH</td>
<td>Regulatory reference</td>
<td>ACGIH 2018</td>
</tr>
<tr>
<td>OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>15 mg/m³</td>
</tr>
<tr>
<td>OSHA</td>
<td>Regulatory reference (US-OSHA)</td>
<td>OSHA</td>
</tr>
<tr>
<td>IDLH</td>
<td>US IDLH (mg/m³)</td>
<td>5000 mg/m³</td>
</tr>
</tbody>
</table>

**Titanium dioxide (13463-67-7)**

**Glass, oxide (65997-17-3)**

<table>
<thead>
<tr>
<th>ACGIH</th>
<th>Local name</th>
<th>ACGIH TWA (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>5 mg/m³</td>
</tr>
</tbody>
</table>

8.2. **Appropriate engineering controls**

Appropriate engineering controls: Ensure adequate ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

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

**Hand protection:**

Wear protective gloves.

**Eye protection:**

Chemical goggles or safety glasses

**Respiratory protection:**

Not necessary under the recommended storage and handling conditions

**SECTION 9: Physical and chemical properties**

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Appearance</td>
<td>plate.</td>
</tr>
<tr>
<td>Color</td>
<td>white</td>
</tr>
<tr>
<td>Odor</td>
<td>characteristic</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Non flammable.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific gravity / density</td>
<td>0.15 - 0.25</td>
</tr>
<tr>
<td>Solubility</td>
<td>insoluble in water.</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>Not available</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
</tbody>
</table>

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9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
Stable under normal conditions of use.

10.2. Chemical stability
Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid
None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
No hazardous decomposition products known at room temperature.

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)

Ammonium polyphosphate (68333-79-9)
LD50 oral rat : 300 - 2000 mg/kg

Titanium dioxide (13463-67-7)
LD50 oral rat : > 10000 mg/kg
Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: Not available
Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)
May cause sensitization of susceptible persons
Respiratory or skin sensitization : Not classified (Based on available data, the classification criteria are not met)
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)

Titanium dioxide (13463-67-7)
IARC group : 2B - Possibly carcinogenic to humans
In OSHA Hazard Communication Carcinogen list : Yes
Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity – single exposure : Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity – 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
Likely routes of exposure : Inhalation. Ingestion. Skin and eye contact.
Symptoms/effects after inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
Symptoms/effects after skin contact: May cause sensitization of susceptible persons.
Symptoms/effects after eye contact: Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
Symptoms/effects after ingestion: Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

### SECTION 12: Ecological information

#### 12.1. Toxicity

**Ecology - general:** This material has not been tested for environmental effects.

<table>
<thead>
<tr>
<th>Ammonium polyphosphate (68333-79-9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
</tr>
<tr>
<td>LC50 fish 2</td>
</tr>
</tbody>
</table>

#### 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 in a safe manner in accordance with local/national regulations.

**Ecology - waste materials:** Avoid release to the environment.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

- Not regulated

#### Transportation of Dangerous Goods

- Not regulated

#### Transport by sea

- Not regulated

#### Air transport

- Not regulated

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

<table>
<thead>
<tr>
<th>Ammonium polyphosphate (68333-79-9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Titanium dioxide (13463-67-7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
</tbody>
</table>
### 15.2. International regulations

**CANADA**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Property</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium polyphosphate (68333-79-9)</td>
<td>Listed on the Canadian DSL (Domestic Substances List)</td>
</tr>
<tr>
<td>Titanium dioxide (13463-67-7)</td>
<td>Listed on the Canadian DSL (Domestic Substances List)</td>
</tr>
<tr>
<td>Glass, oxide (65997-17-3)</td>
<td>Listed on the Canadian DSL (Domestic Substances List)</td>
</tr>
</tbody>
</table>

**EU-Regulations**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Property</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium polyphosphate (68333-79-9)</td>
<td>Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)</td>
</tr>
<tr>
<td>Titanium dioxide (13463-67-7)</td>
<td>Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)</td>
</tr>
<tr>
<td>Glass, oxide (65997-17-3)</td>
<td>Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)</td>
</tr>
</tbody>
</table>

**National regulations**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Property</th>
</tr>
</thead>
</table>
| Ammonium polyphosphate (68333-79-9) | Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory) |
| Titanium dioxide (13463-67-7) | Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
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Listed on the TCSI (Taiwan Chemical Substance Inventory) |

**15.3. US State regulations**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Property</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glass, oxide (65997-17-3)</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Titanium dioxide (13463-67-7)</th>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>No significant risk level (NSRL)</th>
<th>Maximum allowable dose level (MADL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

SECTION 16: Other information

Revision date : 08 August 2018
Other information : None.

Full text of H-phrases:

<table>
<thead>
<tr>
<th>H302</th>
<th>Harmful if swallowed</th>
</tr>
</thead>
<tbody>
<tr>
<td>H320</td>
<td>Causes eye irritation</td>
</tr>
<tr>
<td>H350</td>
<td>May cause cancer</td>
</tr>
<tr>
<td>H351</td>
<td>Suspected of causing cancer</td>
</tr>
</tbody>
</table>

SDS US (GHS HazCom 2012)

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.