



# Firestop Putty

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Date of issue: 13 August 2018

Version: 1.0

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Firestop Putty  
Product code : FM012

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

Recommended uses and restrictions : Fill, Void, or Cavity Materilas

#### 1.3. Supplier

International Fireproof Technology, Inc.  
17528 Von Karman Ave.  
Irvine, CA 92614  
T 949-975-8588  
[ptp@painttoprotect.com](mailto:ptp@painttoprotect.com)

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC 1-800-424-9300

### SECTION 2: Hazard identification

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

##### Classification (GHS-CA)

Acute toxicity (oral), Category 4 Harmful if swallowed.  
Serious eye damage/eye irritation, Category 2B Causes eye irritation

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

##### GHS-CA labelling

Hazard pictograms (GHS-CA) :



Signal word (GHS-CA) : Warning

Hazard statements (GHS-CA) : Harmful if swallowed.  
Causes eye irritation

Precautionary statements (GHS-CA) : Wash hands thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
IF SWALLOWED: Call a POISON CENTER if you feel unwell.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Rinse mouth.  
If eye irritation persists: Get medical advice/attention.  
Dispose of contents/container to local, national, and international regulation

#### 2.3. Other hazards not contributing to the classification

other hazards which do not result in classification : Titanium dioxide is in a form that is not available for respiration.

#### 2.4. Unknown acute toxicity (GHS-CA)

No data available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS-CA)
Ammonium polyphosphate	Polyphosphoric acids, ammonium salts	(CAS-No.) 68333-79-9	10 - 30	Acute Tox. 4 (Oral), H302 Eye Irrit. 2B, H320
Titanium dioxide		(CAS-No.) 13463-67-7	1 - 5	Carc. 2, H351

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

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### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: In case of eye contact, immediately rinse with clean water for 10-15 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	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER/doctor if you feel unwell.
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).

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

Symptoms/effects after skin contact	: May cause slight temporary irritation.
Symptoms/effects after eye contact	: Causes eye irritation.
Symptoms/effects after ingestion	: Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

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

Note to physician :	: Treat symptomatically.
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### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
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#### 5.2. Unsuitable extinguishing media

Unsuitable extinguishing media	: None known.
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#### 5.3. Specific hazards arising from the hazardous product

Fire hazard	: On combustion, forms: carbon oxides (CO and CO <sub>2</sub> ). Nitrogen oxides. Metal oxides.
Explosion hazard	: No direct explosion hazard.

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

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protective equipment for firefighters	: 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 contact with spilled material.
Personal Precautions, Protective Equipment and Emergency Procedures	: Wear personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection". Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area.
Prevention Measures for Secondary Accidents	: Prevent entry to sewers and public waters. Avoid discharge to the environment.

#### 6.2. Methods and materials for containment and cleaning up

Methods for cleaning up	: Shovel or sweep up and put in a closed container for disposal. Collect spillage. Store away from other materials.
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#### 6.3. 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	: Use only outdoors or in a well-ventilated area. Avoid contact with eyes.
Hygiene measures	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety practice.

#### 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	: Keep away from strong acids, strong bases and oxidizing agents.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

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Titanium dioxide (13463-67-7)		
USA - ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
USA - ACGIH	Remark (ACGIH)	LRT irr; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans: The agent is carcinogenic in experimental animals at a relatively high dose, by route(s) of administration, at site(s), of histologic type(s), or by mechanism(s) that may not be relevant to worker exposure. Available epidemiologic studies do not confirm an increased risk of cancer in exposed humans. Available evidence does not suggest that the agent is likely to cause cancer in humans except under uncommon or unlikely routes or levels of exposure)
USA - ACGIH	Regulatory reference	ACGIH 2018
Canada (Quebec)	VEMP (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Alberta	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
British Columbia	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
British Columbia	Notations and remarks	2B
Nunavut	OEL STEL (mg/m <sup>3</sup> )	20 mg/m <sup>3</sup>
Northwest Territories	OEL STEL (mg/m <sup>3</sup> )	20 mg/m <sup>3</sup>
Ontario	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>

### 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:

Impermeable 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

Physical state	: Liquid
Appearance	: Paste.
Colour	: Red
Odour	: characteristic
Odour threshold	: No data available
pH	: Not available
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: Not available
Freezing point	: No data available
Boiling point	: Not available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Vapour pressure at 50 °C	: No data available
Relative density	: No data available
Density	: 1.35 - 1.45
Solubility	: Miscible with water.
Log Pow	: No data available
Viscosity, dynamic	: Not available

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Explosive limits : No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity : Stable under normal conditions of use.  
Chemical stability : Stable at ambient temperature and under normal conditions of use.  
Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.  
Conditions to avoid : None under recommended storage and handling conditions (see section 7).  
Incompatible materials : Keep away from strong acids, strong bases and oxidizing agents.  
Hazardous decomposition products : No hazardous decomposition products known at room temperature. On combustion, forms: carbon oxides (CO and CO<sub>2</sub>). Nitrogen oxides. Metal oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Oral: Harmful if swallowed.  
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)

ATE CA (oral)	1639 mg/kg bodyweight
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#### Ammonium polyphosphate (68333-79-9)

LD50 oral rat	300 - 2000 mg/kg
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#### Titanium dioxide (13463-67-7)

LD50 dermal rat	> 10000 mg/kg
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Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)  
pH: Not available  
Serious eye damage/irritation : Causes eye irritation.  
pH: Not available  
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)

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Additional information	Titanium dioxide is in a form that is not available for respiration
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Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)  
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)  
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)  
Likely routes of exposure : Inhalation. Ingestion. Eyes. Skin.  
Symptoms/effects after skin contact : May cause slight temporary irritation.  
Symptoms/effects after eye contact : Causes eye irritation.  
Symptoms/effects after ingestion : Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

## SECTION 12: Ecological information

### 12.1. Toxicity

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

#### Ammonium polyphosphate (68333-79-9)

LC50 fish 1	> 500 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
LC50 fish 2	123 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

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### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)

## 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

### 14.1. Basic shipping description

In accordance with TDG

#### Transportation of Dangerous Goods

Not regulated for transport

### 14.2. Transport information/DOT

#### Department of Transport

Not regulated for transport

### 14.3. Air and sea transport

#### IMDG

Not regulated for transport

#### IATA

Not regulated for transport

## SECTION 15: Regulatory information

### 15.1. National regulations

#### Ammonium polyphosphate (68333-79-9)

Listed on the Canadian DSL (Domestic Substances List)

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

Listed on the Canadian DSL (Domestic Substances List)

### 15.2. International regulations

#### 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 EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
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 United States TSCA (Toxic Substances Control Act) inventory  
Listed on Turkish inventory of chemical

#### 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)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
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 United States TSCA (Toxic Substances Control Act) inventory  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on Turkish inventory of chemical

## SECTION 16: Other information

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Other information : None.

Full text of H-statements:

H302	Harmful if swallowed.
H320	Causes eye irritation
H351	Suspected of causing cancer.

SDS Canada (GHS)

*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*