



Fireproofing Blanket

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 : Substance
Trade name : Fireproofing Blanket
CAS-No. : 142844-00-6
Product code : FB01-15
Synonyms : Ceramic fibers / Ceramic fibres / Refractory ceramic fibres / Refractories, fibers, aluminosilicate / Aluminosilicate refractory ceramic fibers / Refractory fibres / Aluminosilicate refractory ceramic fibres

1.2. Recommended use and restrictions on use

Recommended uses and restrictions : Insulation Wrap Material

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 identification

2.1. Classification of the substance or mixture

Classification (GHS-CA)

Carcinogenicity, Category 2 Suspected of causing cancer (Inhalation).

2.2. GHS Label elements, including precautionary statements

GHS-CA labelling

Hazard pictograms (GHS-CA) :



Signal word (GHS-CA) :

Warning

Hazard statements (GHS-CA) :

Suspected of causing cancer (Inhalation).

Precautionary statements (GHS-CA) :

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wear eye protection, protective gloves.
IF exposed or concerned: Get medical advice/attention.
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 not contributing to the classification

No additional information available

2.4. Unknown acute toxicity (GHS-CA)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Name	Chemical name/Synonyms	Product identifier	%	Classification (GHS-CA)
Refractory ceramic fibers (Main constituent)	Ceramic fibers / Ceramic fibres / Refractory ceramic fibres / Refractories, fibers, aluminosilicate / Aluminosilicate refractory ceramic fibers / Refractory fibres / Aluminosilicate refractory ceramic fibres	(CAS-No.) 142844-00-6	100	Carc. 2, H351

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

3.2. Mixtures

Not applicable

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. |
| First-aid measures after skin contact | : Not expected to present a significant skin hazard under anticipated conditions of normal use. Wash off with soap and plenty of water. |
| 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 | : Not expected to present a significant ingestion hazard under anticipated conditions of normal use. |
| 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)

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|-------------------------------------|--|
| Symptoms/effects after inhalation | : May cause cancer by inhalation. |
| Symptoms/effects after skin contact | : Not expected to present a significant skin hazard under anticipated conditions of normal use. |
| 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

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

5.1. Suitable extinguishing media

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

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| Unsuitable extinguishing media | : None known. |
|--------------------------------|---------------|

5.3. Specific hazards arising from the hazardous product

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| Fire hazard | : None known. |
| Explosion hazard | : No direct explosion hazard. |

5.4. Special protective equipment and precautions for fire-fighters

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|---------------------------------------|---|
| 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

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| Personal Precautions, Protective Equipment and Emergency Procedures | : Ventilate area. Evacuate unnecessary personnel. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection". |
| Prevention Measures for Secondary Accidents | : Avoid release to the environment. |

6.2. Methods and materials for containment and cleaning up

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| 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. |
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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

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| Precautions for safe handling | : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid raising powdered materials into airborne dust. Wear proper protective equipment. Ensure good ventilation of the work station. |
| 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. |

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use. Store in a well-ventilated place.
Incompatible materials : None known.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Refractory ceramic fibers (142844-00-6)

USA - ACGIH	ACGIH TWA (mg/m ³)	0.2 fibers/cm ³ (respirable fibers: length >5 µm, aspect ratio ≥3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination)
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8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Wear protective gloves.

Eye protection:

Safety glasses

Respiratory protection:

Wear appropriate mask. Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator. Appropriate dust or mist respirator should be used if airborne particles are generated when handling this material

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Appearance : No data available
Colour : white
Odour : characteristic
Odour threshold : No data available
pH : No data available
Relative evaporation rate (butylacetate=1) : No data available
Relative evaporation rate (ether=1) : No data available
Melting point : No data available
Freezing point : Not applicable
Boiling point : No data available
Flash point : Not applicable
Auto-ignition temperature : Not applicable
Decomposition temperature : No data available
Flammability (solid, gas) : Non flammable.
Vapour pressure : No data available
Vapour pressure at 50 °C : No data available
Relative density : Not applicable
Solubility : insoluble in water.
Log Pow : No data available
Explosive limits : Not applicable

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Hazardous polymerization will not occur.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: None known.
Hazardous decomposition products	: No hazardous decomposition products known.

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	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
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	: Suspected of causing cancer (Inhalation).
IARC group	: 2B - Possibly carcinogenic to humans
National Toxicity Program (NTP) Status	: Reasonably anticipated to be Human Carcinogen
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 inhalation	: May cause cancer by inhalation.
Symptoms/effects after skin contact	: Not expected to present a significant skin hazard under anticipated conditions of normal use.
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

No additional information available

12.2. Persistence and degradability

Refractory ceramic fibers (142844-00-6)

Persistence and degradability	Not established.
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12.3. Bioaccumulative potential

Refractory ceramic fibers (142844-00-6)

Bioaccumulative potential	Not established.
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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)
Other information	: Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Ecology - waste materials	: Avoid release to the environment.
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SECTION 14: Transport information

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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

No additional information available

15.2. International regulations

Refractory ceramic fibers (142844-00-6)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Toxic Substance (CEPA – Schedule I)

Yes

SECTION 16: Other information

Date of issue : 13 August 2018

Other information : None

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