

Safety Data Sheet

Firestone Building Products Company

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name • **FiberTop™ Plus Insulation**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s) • Construction

1.3 Details of the supplier of the safety data sheet

Manufacturer • Firestone Building Products Company
250 West 96th Street
Indianapolis, IN 46260
United States

Telephone (General) • firestonemsds@bfdp.com
800-428-4442

1.4 Emergency telephone number

Manufacturer • (800) 424-9300 - CHEMTREC

Manufacturer • (703) 527-3887 - CHEMTREC - International

Section 2: Hazards Identification

EU/EEC

According to Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]

According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

- CLP**
- Carcinogenicity 1A - H350
Specific Target Organ Toxicity Repeated Exposure 1 - H372
- DSD/DPD**
- Toxic (T)
Carcinogenic Substances - Category 1
R45, R48/23

2.2 Label Elements

CLP

DANGER



- Hazard statements** • H350 - May cause cancer.
H372 - Causes damage to organs through prolonged or repeated exposure.

Precautionary statements

- Prevention** • P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.

P260 - Do not breathe dust.
 P264 - Wash thoroughly after handling.
 P270 - Do not eat, drink or smoke when using this product.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P281 - Use personal protective equipment as required.

- Response** ● P308+P313 - IF exposed or concerned: Get medical advice/attention.
 P314 - Get medical advice/attention if you feel unwell.
- Storage/Disposal** ● P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD



- Risk phrases** ● R45 - May cause cancer.
 R48/23 - Toxic: danger of serious damage to health by prolonged exposure through inhalation.
- Safety phrases** ● S37 - Wear suitable gloves.
 S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
 S53 - Avoid exposure - obtain special instructions before use.

2.3 Other Hazards

- CLP**
- May form combustible dust concentrations in air. According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.
- DSD/DPD**
- May form combustible dust concentrations in air. According to European Directive 1999/45/EC this material is considered dangerous.

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

- OSHA HCS 2012**
- Carcinogenicity 1A - H350
 Specific Target Organ Toxicity Repeated Exposure 1 - H372
 Combustible Dust

2.2 Label elements

OSHA HCS 2012

DANGER



- Hazard statements** ● May cause cancer. - H350
 Causes damage to organs - Lungs through prolonged or repeated exposure - H372
 May form combustible dust concentrations in air.

Precautionary statements

- Prevention** ● Obtain special instructions before use. - P201
 Do not handle until all safety precautions have been read and understood. - P202
 Do not breathe dust. - P260
 Wash thoroughly after handling. - P264
 Do not eat, drink or smoke when using this product. - P270
 Wear protective gloves/protective clothing/eye protection/face protection. - P280
- Response** ● IF exposed or concerned: Get medical advice/attention. - P308+P313
 Get medical advice/attention if you feel unwell. - P314
- Storage/Disposal** ● Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

2.3 Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada

According to WHMIS

2.1 Classification of the substance or mixture

WHMIS

- Other Toxic Effects - D2A

2.2 Label elements

WHMIS



- Other Toxic Effects - D2A

2.3 Other hazards

WHMIS

- May form combustible dust concentrations in air. In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

2.4 Other information

- Note that under normal usage/application that some drilling and cutting of board is to be expected, and therefore, wood dust can be released. The hazards represented above are applicable to the wood dust generated by drilling or cutting the board.

Section 3 - Composition/Information on Ingredients

3.1 Substances

- Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

3.2 Mixtures

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Wood fiber	NDA	85% TO 95%	NDA	EU DSD/DPD: Self Classified: Carc. Cat. 1 R45 T R48/23 EU CLP: Self Classified: Carc. 1A, H350; STOT RE 1, H372 OSHA HCS 2012: Carc. 1A; STOT RE 1 (Lungs); Comb. Dust	NDA

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

Skin

- In case of contact with substance, immediately flush skin with running water for at

- Eye
- least 20 minutes. If irritation develops and persists, get medical attention.
- Ingestion
- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.
 - First aid is not expected to be necessary if material is used under ordinary conditions and as recommended.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

- Notes to Physician
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5 - Firefighting Measures

5.1 Extinguishing media

- Suitable Extinguishing Media
- Carbon dioxide, dry chemical, foam, or water fog.

- Unsuitable Extinguishing Media
- None known.

5.2 Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards
- Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Smoldering materials may reignite. A fire watch should be maintained for extinguished materials.

- Hazardous Combustion Products
- Combustion may yield Carbon Dioxide, Carbon Monoxide, and/or incomplete combustion products.

5.3 Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal Precautions
- If exposure to dust is anticipated wear appropriate personal protection equipment.
- Emergency Procedures
- No special emergency procedures are expected to be needed as this material is a solid sheet.

6.2 Environmental precautions

- Prevent entry into waterways and sewers.

6.3 Methods and material for containment and cleaning up

- Containment/Clean-up Measures
- Avoid generating dust. Dust Deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Sweep up while carefully monitoring dust concentrations in the air or vacuum using vacuum equipped with a HEPA filter. Place recovered wood dust in a container for proper disposal.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling

- Minimize dust generation and accumulation. Do not use in areas without adequate ventilation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Keep away from heat and ignition sources – No Smoking. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Do not breathe dust. Avoid prolonged and repeated contact with the skin. Wear appropriate personal protective equipment, avoid direct contact.

7.2 Conditions for safe storage, including any incompatibilities

Storage

- Keep container closed. Store in a cool, dry, well-ventilated place.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines						
	Result	ACGIH	Belgium	Canada Alberta	Canada British Columbia	Canada Manitoba
Wood fiber as Particulates not otherwise classified (PNOC)	TWAs	10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA (respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i>	3 mg/m3 TWA (alveolar fraction); 10 mg/m3 TWA (inhalable fraction) <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWA (total); 3 mg/m3 TWA (respirable) <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWA (total dust); 3 mg/m3 TWA (respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA (respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i>
Exposure Limits/Guidelines (Con't.)						
	Result	Canada New Brunswick	Canada Northwest Territories	Canada Nova Scotia	Canada Nunavut	Canada Ontario
Wood fiber as Particulates not otherwise classified (PNOC)	TWAs	3 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction); 10 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica, inhalable fraction) <i>as Particulates not otherwise classified (PNOC)</i>	5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass) <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA (respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i>	5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass) <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWA (inhalable); 3 mg/m3 TWA (respirable) <i>as Particulates not otherwise classified (PNOC)</i>
Exposure Limits/Guidelines (Con't.)						
	Result	Canada Quebec	Canada Saskatchewan	OSHA		
		10 mg/m3 TWA _{EV} (including dust, inert or	10 mg/m3 TWA (insoluble or poorly			

Wood fiber as Particulates not otherwise classified (PNOC)	TWAs	nuisance particulates; containing no Asbestos and <1% Crystalline silica, total dust) <i>as Particulates not otherwise classified (PNOC)</i>	soluble, inhalable fraction); 3 mg/m3 TWA (insoluble or poorly soluble, respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i>	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i>
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Exposure Control Notations

Germany TRGS

•Wood fiber as Wood dust, all soft and hard woods: **Carcinogens:** (Category 3 (except hardwood dust, see TRGS 906)) | **Sensitizers:** (Respiratory sensitizer (wood types: Thuja plicata, Riesenlebensbaum, Rotzeder, Triplochiton scleroxylon, Abachi, Obeche; May cause sensitization by inhalation; May cause allergy or asthma symptoms of breathing difficulties if inhaled, listed under Activities where protection measures according to TRGS 401 or TRBA-TRGS 406 have to be applied to prevent a possible sensitization); Respiratory sensitizer (wood types: Terminalia superba, Limba; May cause sensitization by inhalation; May cause allergy or asthma symptoms of breathing difficulties if inhaled, listed under Activities where protection measures according to TRGS 401 or TRBA-TRGS 406 have to be applied to prevent a possible sensitization); Skin sensitizer (wood types: Thuja plicata, Riesenlebensbaum, Rotzeder, Triplochiton scleroxylon, Abachi, Obeche; May cause sensitization by skin contact; May cause an allergic skin reaction, listed under Activities where protection measures according to TRGS 401 or TRBA-TRGS 406 have to be applied to prevent a possible sensitization))

Germany DFG

•Wood fiber as Wood dust, all soft and hard woods: **Carcinogens:** (Category 3B (could be carcinogenic for man, except beech and oak wood dust))

8.2 Exposure controls

Engineering Measures/Controls

- This material is designed to be used outdoors, in roofing applications. Good general ventilation should be used. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Use explosion-proof electrical/ventilating/lighting/equipment.

Personal Protective Equipment

Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear safety goggles.

Skin/Body

- Wear protective gloves.

General Industrial Hygiene Considerations

- Wash hands before eating.

Environmental Exposure Controls

- Follow best practice for site management and disposal of waste.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene
 NIOSH = National Institute of Occupational Safety and Health
 OSHA = Occupational Safety and Health Administration

STEL = Short Term Exposure Limits are based on 15-minute exposures
 TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Tan board comprised of wood fiber (fiber board).

Color	Tan	Odor	Data lacking
Odor Threshold	Data lacking		
General Properties			
Boiling Point	Data lacking	Melting Point	Data lacking
Decomposition Temperature	Data lacking	pH	Not relevant
Specific Gravity/Relative Density	Data lacking	Water Solubility	Data lacking
Viscosity	Data lacking	Explosive Properties	Data lacking
Oxidizing Properties:	Data lacking		
Volatility			
Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking		
Flammability			
Flash Point	Not relevant	UEL	Not relevant
LEL	Not relevant	Autoignition	Data lacking
Flammability (solid, gas)	Data lacking		
Environmental			
Octanol/Water Partition coefficient	Data lacking		

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Ignition sources and heat.

10.5 Incompatible materials

- Strong oxidizing agents.

10.6 Hazardous decomposition products

- Combustion may yield Carbon Dioxide, Carbon Monoxide, and/or incomplete combustion products.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

GHS Properties	Classification
Acute toxicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking

Aspiration Hazard	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Carcinogenicity	EU/CLP • Carcinogenicity 1A OSHA HCS 2012 • Carcinogenicity 1A
Germ Cell Mutagenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Skin corrosion/Irritation	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Skin sensitization	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
STOT-RE	EU/CLP • Specific Target Organ Toxicity Repeated Exposure 1 OSHA HCS 2012 • Specific Target Organ Toxicity Repeated Exposure 1
STOT-SE	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Toxicity for Reproduction	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Respiratory sensitization	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Serious eye damage/Irritation	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking

**Medical Conditions
Aggravated by Exposure
Potential Health Effects
Inhalation**

Acute (Immediate)

- Disorders of the lungs.

Chronic (Delayed)

- Exposure to dust may cause irritation. Processes such as cutting, grinding, crushing, or impact may result in generation of excessive amounts of airborne dusts in the workplace. Nuisance dust may affect the lungs but reactions are typically reversible. Wood dust (generated from sawing, sanding or machining the product) may cause nasal dryness, irritation, coughing and sinusitis.
- Prolonged exposure to the dust may cause wheezing, chest tightness, productive cough nasal irritation and symptoms of chronic respiratory disease.

Skin

Acute (Immediate)

- Exposure to dust may cause mechanical irritation.

Chronic (Delayed)

- No data available.

Eye

Acute (Immediate)

- Exposure to dust may cause mechanical irritation. Excessive concentrations of nuisance dust in the workplace may reduce visibility and may cause unpleasant deposits in eyes.

Chronic (Delayed)

- No data available.

Ingestion

Acute (Immediate)

- Excessive concentrations of nuisance dust in the workplace may cause mechanical irritation to mucous membranes.

Chronic (Delayed)

- No data available

Carcinogenic Effects

- According to its Twelfth Report on Carcinogens NTP states, "many case reports and epidemiological studies (including cohort studies and case-control studies that specifically addressed nasal cancer) have found a strong association between exposure to wood dust and cancer of the nasal cavity. Strong and consistent associations with cancer of the nasal cavity and paranasal sinuses were observed both in studies of people whose occupations were associated with wood-dust exposure and in studies that directly estimated wood dust exposure." IARC has most

recently concluded that "there is sufficient evidence in humans for the carcinogenicity of wood dust. Wood dust causes cancer of the nasal cavity and paranasal sinuses and of the nasopharynx."

Carcinogenic Effects			
	CAS	IARC	NTP
Wood fiber as Wood dust, all soft and hard woods	NDA	Group 1-Carcinogenic	Known Human Carcinogen

Section 12 - Ecological Information

12.1 Toxicity

- Material data lacking.

12.2 Persistence and degradability

- Material data lacking.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- PBT and vPvB assessment has not been carried out.

12.6 Other adverse effects

- Material data lacking.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA
TDG	NDA	Not Regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not Regulated	NDA	NDA	NDA
ADN	NDA	Not Regulated	NDA	NDA	NDA
ADR/RID	NDA	Not Regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not Regulated	NDA	NDA	NDA

14.6 Special precautions for user

- None specified.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • Data lacking.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • Chronic

State Right To Know				
Component	CAS	MA	NJ	PA
Wood fiber	NDA	No	Yes	No

Inventory						
Component	CAS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS	TSCA
Wood fiber	NDA	No	No	No	No	No

Australia

Environment

Australia - Ozone Protection Act - Scheduled Substances

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

Belgium

Labor

Belgium - Substances and Preparations - Carcinogens and Mutagens

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

Bulgaria

Environment

Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - 24 Hour

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - 30 Minute

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - Annual

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

Canada

Labor

Canada - WHMIS - Classifications of Substances

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

Canada - WHMIS - Ingredient Disclosure List

- | | |
|--|------------|
| • Wood fiber as Particulates not otherwise classified (PNOC) | Not Listed |
| • Wood fiber as Wood dust, all soft and hard woods | Not Listed |

Environment**Canada - CEPA - Priority Substances List**

- | | |
|--|------------|
| • Wood fiber as Particulates not otherwise classified (PNOC) | Not Listed |
| • Wood fiber as Wood dust, all soft and hard woods | Not Listed |

Denmark**Environment****Denmark - List of Undesirable Substances - Product Groups/Function**

- | | |
|--|------------|
| • Wood fiber as Particulates not otherwise classified (PNOC) | Not Listed |
| • Wood fiber as Wood dust, all soft and hard woods | Not Listed |

Europe**Other****EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification**

- | | |
|--|------------|
| • Wood fiber as Particulates not otherwise classified (PNOC) | Not Listed |
| • Wood fiber as Wood dust, all soft and hard woods | Not Listed |

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

- | | |
|--|------------|
| • Wood fiber as Particulates not otherwise classified (PNOC) | Not Listed |
| • Wood fiber as Wood dust, all soft and hard woods | Not Listed |

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

- | | |
|--|------------|
| • Wood fiber as Particulates not otherwise classified (PNOC) | Not Listed |
| • Wood fiber as Wood dust, all soft and hard woods | Not Listed |

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

- | | |
|--|------------|
| • Wood fiber as Particulates not otherwise classified (PNOC) | Not Listed |
| • Wood fiber as Wood dust, all soft and hard woods | Not Listed |

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

- | | |
|--|------------|
| • Wood fiber as Particulates not otherwise classified (PNOC) | Not Listed |
| • Wood fiber as Wood dust, all soft and hard woods | Not Listed |

Germany**Labor****Germany - Immission Control - Qualifying Quantities for Major Accident Prevention**

- | | |
|--|------------|
| • Wood fiber as Particulates not otherwise classified (PNOC) | Not Listed |
| • Wood fiber as Wood dust, all soft and hard woods | Not Listed |

Germany - Immission Control - Qualifying Quantities for Safety Reporting

- | | |
|--|------------|
| • Wood fiber as Particulates not otherwise classified (PNOC) | Not Listed |
| • Wood fiber as Wood dust, all soft and hard woods | Not Listed |

Germany - TRGS 505 - Specific Lead Regulations

- | | |
|--|------------|
| • Wood fiber as Particulates not otherwise classified (PNOC) | Not Listed |
| • Wood fiber as Wood dust, all soft and hard woods | Not Listed |

Germany - TRGS 511 - Specific Ammonium Nitrate Regulations

- | | |
|--|------------|
| • Wood fiber as Particulates not otherwise classified (PNOC) | Not Listed |
|--|------------|

- Wood fiber as Wood dust, all soft and hard woods Not Listed

Environment

Germany - TA Luft - Types and Classes

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

Germany - TA Luft - Emission Limits for Carcinogenic Substances

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

Germany - TA Luft - Emission Limits for Fibers

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

Germany - TA Luft - Emission Limits for Inorganic Dusts

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

Germany - TA Luft - Emission Limits for Inorganic Gases

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

Germany - TA Luft - Emission Limits for Organic Substances

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

Germany - Water Classification (VwVwS) - Annex 1

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

Germany - Water Classification (VwVwS) - Annex 3

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods carcinogen, initial date
12/18/09

U.S. - California - Proposition 65 - Developmental Toxicity

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

- Wood fiber as Particulates not otherwise classified (PNOC) Not Listed
- Wood fiber as Wood dust, all soft and hard woods Not Listed

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

- | | |
|--|------------|
| • Wood fiber as Particulates not otherwise classified (PNOC) | Not Listed |
| • Wood fiber as Wood dust, all soft and hard woods | Not Listed |

U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

- | | |
|--|------------|
| • Wood fiber as Particulates not otherwise classified (PNOC) | Not Listed |
| • Wood fiber as Wood dust, all soft and hard woods | Not Listed |

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

15.3 Other Information

- **WARNING:** This product contains a chemical known to the State of California to cause cancer.

Section 16 - Other Information

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|--|---|
| Last Revision Date | • 26/August/2014 |
| Preparation Date | • 26/August/2014 |
| Disclaimer/Statement of Liability | • The information contained herein is based on data considered accurate which has been obtained from other companies and organizations. However, no warranty or representation is expressed or implied that the information, is accurate, complete or representative. Firestone Building Products Company, LLC assumes no responsibility for injury to the buyer, the buyer's employees, or any third persons, if reasonable safety procedures are not followed. Additionally, Firestone Building Products Company assumes no responsibility for injury to buyer, the buyer's employees, or any third persons caused by abnormal use of this material, even if reasonable safety procedures are followed. |

Key to abbreviations

NDA = No Data Available