



# Safety Data Sheet

## Section 1: Chemical Product and Company Identification

## Product Identifier

Product Name:  
Fiberon® Perspective™ Series Square Edge & Grooved Decking – Acacia  
(BRDPER AC 12, BRDPER AC 16, BRDPER AC 20, BRDPERG AC 12, BRDPERG AC 16,  
BRDPERG AC 20, HCFASP AC 12)

## Recommended Product Use

Please consult Fiberon product literature for proper usage or go to [fiberondecking.com](http://fiberondecking.com).

## Restrictions on Use

Perspective™ Series Decking is not intended for load-bearing or heavy structural applications.

## Product Code

## Supplier's Name

Fiber Composites, LLC dba Fiberon

## Street Address

181 Random Drive

## State

North Carolina

## City

New London

## Telephone Number (General)

(704) 463-7120

## Postal Code

28127

## Emergency Telephone Phone Number

(704) 948-0240

## Section 2: Hazard Identification

## Route of Entry

Skin Contact

Skin Absorption

Eye Contact

Inhalation

Ingestion

NOTE: WOOD FIBER IS CONTAINED IN A POLYETHYLENE MATRIX.

UNITED STATES OF AMERICA OSHA HAZARD COMMUNICATION STANDARD: This product may be used in applications that produce wood dust fibers. According to OSHA CFR 1910.1200, certain wood fibers are considered hazardous if the workplace airborne concentration exceeds the OSHA or ACGIH exposure limits (See section 8).

EMERGENCY RESPONSE DATA: Exposure to fire can generate toxic fumes. High dust levels may create potential for explosion. DOT ERG No. – NA

## Section 3: Composition/Information on Ingredients

## CHEMICAL NAMES AND SYNONYMS:

- 1.) WOOD FIBER, WOOD DUST OR WOOD FLOUR
- 2.) POLYETHYLENE

## INGREDIENTS CONSIDERED HAZARDOUS TO HEALTH:

<u>SUBSTANCE NAME</u>	<u>WEIGHT PERCENTAGE</u>
WOOD FIBER DUST	40-60 %

POLYETHYLENE IS A THERMOPLASTIC MATERIAL. THIS MATRIX CONTAINS PREDOMINANTLY WOOD FIBER AND POLYETHYLENE. THE POLYETHYLENE CAN BE SOURCED AS VIRGIN OR REGRIND (RECYCLED) MATERIALS. THE STANDARD PRODUCT IS APPROXIMATELY 50% THERMOPLASTIC AND 50% WOOD FIBER.

See Section 8 for exposure limits (if applicable)

### Section 4: First-Aid Measures

<b>EYE CONTACT:</b>	Flush thoroughly with water. If irritation occurs, call a physician.
<b>SKIN CONTACT:</b>	Wash contact areas with soap and water. Launder contaminated clothing before reuse.
<b>INHALATION:</b>	If respiratory irritation, cough shortness of breath, wheezing or chest tightness occurs after exposure to dust, remove from further exposure, seek immediate medical assistance and call for a physician.
<b>INGESTION:</b>	Not expected to be a problem when ingested in small quantities. If uncomfortable, seek medical assistance.

### Section 5: Fire Fighting Measures

<b>EXTINGUISHING MEDIA:</b>	Water
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Use water to keep fire-exposed product cool. For fires in enclosed area, fire fighters must use self-contained breathing apparatus.
<b>SPECIAL PROTECTIVE EQUIPMENT:</b>	For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	Exposure to fire can generate toxic fumes. High dust levels may create potential for explosion. Flash Point: Flame Spread Index: Flammable Limits – LEL: NA Flammable Limits – UEL: NA
<b>NFPA HAZARD ID:</b>	Health: 0      Flammability: 1      Reactivity: 0.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Smoke, Carbon Monoxide, Acetaldehyde, Formaldehyde, Formic Acid and Acetic Acid.

### Section 6: Accidental Release Measures

<b>NOTIFICATION PROCEDURE:</b>	None
<b>PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:</b>	Where dusty conditions are created as a result of cutting or sawing, wet down material then sweep or vacuum for disposal. Personnel performing cleanup must use protective equipment.
<b>ENVIRONMENTAL PRECAUTIONS:</b>	Not expected to be a problem.
<b>PERSONAL PRECAUTIONS:</b>	See Section 8.

### Section 7: Handling and Storage

<b>HANDLING:</b>	Perspective™ Series Decking is not intended for load-bearing or heavy structural applications. Please consult Fiberon’s literature for proper usage. The density of Perspective™ Series Decking material is heavier as compared to most traditional lumber products. Therefore, the user must employ proper handling to prevent damage or injury.
<b>STORAGE:</b>	Store Perspective™ Series Decking away from strong oxidizing agents or combustible material.

### Section 8: Exposure Controls/Personal Protection

<b>VENTILATION:</b>	Use and work in a well-ventilated area.
<b>RESPIRATORY PROTECTION:</b>	Approved dust respirators must be used for dusty conditions or if breathing of dusts is probable.
<b>EYE PROTECTION:</b>	Safety glasses with side shields or goggles should be worn to protect against dust particles in the air.
<b>SKIN PROTECTION:</b>	No special equipment required. Good personal hygiene should be followed.

<u>SUBSTANCE NAME</u>	<u>SOURCE</u>	<u>TWA</u>	<u>STEL</u>
Wood Fiber Dust	(Agency)	(ppm mg / m <sup>3</sup> )	(ppm mg / m <sup>3</sup> )
Hardwood	OSHA	5	
Softwood	OSHA	5	
Oak Hardwood	ACGIH	1	
Softwood	ACGIH		10

NOTE: Limits as displayed are for guidance only. Follow application regulations.

## Section 9: Physical and Chemical Properties

Physical properties are given which are considered representative. For specific physical properties refer to the Product Data Sheet.

APPEARANCE:	Solid
ODOR:	None
PH VALUE:	NA
BOILING POINT:	NA
MELTING POINT:	Approximately 130 C
FLASH POINT:	398 C
FLAMMABILITY:	SwRI – Flame Spread Index = 115
SELF-IGNITION:	437 C
SMOKE DEVELOPED VALUE:	135
WATER ABSORPTION:	.5% by weight
COEF. OF MOISTURE EXPANSION:	.5% by thickness
WATER SOLUBILITY:	Negligible
FUNGUS RESISTANCE:	No Decay
TERMITE RESISTANCE:	Light Attack Rating = 9.6 (10 Max)
COEF OF THERMAL EXPANSION:	$2.8 \times 10^{-5}$ (1/C)
VAPOR DENSITY:	NE
EVAPORATION RATE:	NE
POUR POINT:	NA
FREEZING POINT:	NE
VOLATILE ORGANIC COMPOUND:	NE

NOTE: NA – Not Applicable      NE – Not Established

For additional information, contact customer service

## Section 10: Stability and Reactivity

STABILITY (THERMAL, LIGHT WEATHER, ETC.):	Stable (color does fade).
CONDITIONS TO AVOID:	Heat and flame. Buildup of dusts.
INCOMPATIBILITY:	Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Smoke, carbon monoxide, acetaldehyde, formaldehyde, formic acid & acetic acid.
HAZARDOUS POLYMERIZATION:	Will not occur.

## Section 11: Toxicological Information

### ACUTE TOXICOLOGY

ORAL TOXICITY (RATS):	NE
DERMAL TOXICITY (RABBITS):	NE
INHALATION TOXICITY (RATS):	NE
EYE IRRITATION (RABBITS):	NE
SKIN IRRITATION (RABBITS):	NE

NOTE: NE – Not Established

(Section 11: Toxicological Information continued)

**CHRONIC TOXICOLOGY**

IARC has determined and summarized that there is sufficient evidence to classify wood fiber as a human carcinogen. Exposure to wood fiber is severely reduced when wood fiber is encased by a polymer matrix.

**Section 12: Ecological Information**

ENVIRONMENTAL FATE AND EFFECTS: Not Established

**Section 13: Disposal Considerations**

WASTE DISPOSAL: Dispose of waste as normal refuse.

**Section 14: Transportation Information**

USA DOT:	Not regulated by US DOT.
IMO:	Not regulated by IMO.
IATA:	Not regulated by IATA

**Section 15: Regulatory Information**

GOVERNMENT INVENTORY STATUS:	All components comply with TSCA.
U.S. SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III:	Fiberon's Perspective™ Series Decking contains no chemicals reportable under SARA (313) toxic release program.
USE:	Composite Lumber Products for Decking

**Section 16: Other Information**

Preparation Date:	7/13/2019
Revision Date	7/13/2019

The provided information is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; the user therefore assumes all risks of use of the product and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. Nothing is intended as a recommendation for uses, which infringe valid patents, or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by US law, republication or retransmission of this document, in whole or in part, is not permitted. Fiber Composites, LLC assumes no responsibility for accuracy of information unless the document is the most current available from an official member of Fiber Composites, LLC distribution network. Fiber Composites, LLC neither represents nor do warrants that the format, content or product formula contained in this document complies with the laws of any other country except the United States of America.



# Safety Data Sheet

## Section 1: Chemical Product and Company Identification

## Product Identifier

Product Name:  
Fiberon® Perspective™ Series Square Edge & Grooved Decking – Cedar Ridge  
(BRDPER CR 12, BRDPER CR 16, BRDPER CR 20, BRDPERG CR 12, BRDPERG CR 16,  
BRDPERG CR 20, HCFASP CR 12)

## Recommended Product Use

Please consult Fiberon product literature for proper usage or go to [fiberondecking.com](http://fiberondecking.com).

## Restrictions on Use

Perspective™ Series Decking is not intended for load-bearing or heavy structural applications.

## Product Code

## Supplier's Name

Fiber Composites, LLC dba Fiberon

## Street Address

181 Random Drive

## State

North Carolina

## City

New London

## Telephone Number (General)

(704) 463-7120

## Postal Code

28127

## Emergency Telephone Phone Number

(704) 948-0240

## Section 2: Hazard Identification

Route of Entry

Skin Contact

Skin Absorption

Eye Contact

Inhalation

Ingestion

NOTE: WOOD FIBER IS CONTAINED IN A POLYETHYLENE MATRIX.

UNITED STATES OF AMERICA OSHA HAZARD COMMUNICATION STANDARD: This product may be used in applications that produce wood dust fibers. According to OSHA CFR 1910.1200, certain wood fibers are considered hazardous if the workplace airborne concentration exceeds the OSHA or ACGIH exposure limits (See section 8).

EMERGENCY RESPONSE DATA: Exposure to fire can generate toxic fumes. High dust levels may create potential for explosion. DOT ERG No. – NA

## Section 3: Composition/Information on Ingredients

## CHEMICAL NAMES AND SYNONYMS:

- 1.) WOOD FIBER, WOOD DUST OR WOOD FLOUR
- 2.) POLYETHYLENE

## INGREDIENTS CONSIDERED HAZARDOUS TO HEALTH:

<u>SUBSTANCE NAME</u>	<u>WEIGHT PERCENTAGE</u>
WOOD FIBER DUST	40-60 %

POLYETHYLENE IS A THERMOPLASTIC MATERIAL. THIS MATRIX CONTAINS PREDOMINANTLY WOOD FIBER AND POLYETHYLENE. THE POLYETHYLENE CAN BE SOURCED AS VIRGIN OR REGRIND (RECYCLED) MATERIALS. THE STANDARD PRODUCT IS APPROXIMATELY 50% THERMOPLASTIC AND 50% WOOD FIBER.

See Section 8 for exposure limits (if applicable)

### Section 4: First-Aid Measures

<b>EYE CONTACT:</b>	Flush thoroughly with water. If irritation occurs, call a physician.
<b>SKIN CONTACT:</b>	Wash contact areas with soap and water. Launder contaminated clothing before reuse.
<b>INHALATION:</b>	If respiratory irritation, cough shortness of breath, wheezing or chest tightness occurs after exposure to dust, remove from further exposure, seek immediate medical assistance and call for a physician.
<b>INGESTION:</b>	Not expected to be a problem when ingested in small quantities. If uncomfortable, seek medical assistance.

### Section 5: Fire Fighting Measures

<b>EXTINGUISHING MEDIA:</b>	Water
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Use water to keep fire-exposed product cool. For fires in enclosed area, fire fighters must use self-contained breathing apparatus.
<b>SPECIAL PROTECTIVE EQUIPMENT:</b>	For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	Exposure to fire can generate toxic fumes. High dust levels may create potential for explosion. Flash Point: Flame Spread Index: Flammable Limits – LEL: NA Flammable Limits – UEL: NA
<b>NFPA HAZARD ID:</b>	Health: 0      Flammability: 1      Reactivity: 0.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Smoke, Carbon Monoxide, Acetaldehyde, Formaldehyde, Formic Acid and Acetic Acid.

### Section 6: Accidental Release Measures

<b>NOTIFICATION PROCEDURE:</b>	None
<b>PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:</b>	Where dusty conditions are created as a result of cutting or sawing, wet down material then sweep or vacuum for disposal. Personnel performing cleanup must use protective equipment.
<b>ENVIRONMENTAL PRECAUTIONS:</b>	Not expected to be a problem.
<b>PERSONAL PRECAUTIONS:</b>	See Section 8.

### Section 7: Handling and Storage

<b>HANDLING:</b>	Perspective™ Series Decking is not intended for load-bearing or heavy structural applications. Please consult Fiberon’s literature for proper usage. The density of Perspective™ Series Decking material is heavier as compared to most traditional lumber products. Therefore, the user must employ proper handling to prevent damage or injury.
<b>STORAGE:</b>	Store Perspective™ Series Decking away from strong oxidizing agents or combustible material.

### Section 8: Exposure Controls/Personal Protection

<b>VENTILATION:</b>	Use and work in a well-ventilated area.
<b>RESPIRATORY PROTECTION:</b>	Approved dust respirators must be used for dusty conditions or if breathing of dusts is probable.
<b>EYE PROTECTION:</b>	Safety glasses with side shields or goggles should be worn to protect against dust particles in the air.
<b>SKIN PROTECTION:</b>	No special equipment required. Good personal hygiene should be followed.

<u>SUBSTANCE NAME</u>	<u>SOURCE</u>	<u>TWA</u>	<u>STEL</u>
Wood Fiber Dust	(Agency)	(ppm mg / m <sup>3</sup> )	(ppm mg / m <sup>3</sup> )
Hardwood	OSHA	5	
Softwood	OSHA	5	
Oak Hardwood	ACGIH	1	
Softwood	ACGIH		10

NOTE: Limits as displayed are for guidance only. Follow application regulations.

## Section 9: Physical and Chemical Properties

Physical properties are given which are considered representative. For specific physical properties refer to the Product Data Sheet.

APPEARANCE:	Solid
ODOR:	None
PH VALUE:	NA
BOILING POINT:	NA
MELTING POINT:	Approximately 130 C
FLASH POINT:	398 C
FLAMMABILITY:	SwRI – Flame Spread Index = 115
SELF-IGNITION:	437 C
SMOKE DEVELOPED VALUE:	135
WATER ABSORPTION:	.5% by weight
COEF. OF MOISTURE EXPANSION:	.5% by thickness
WATER SOLUBILITY:	Negligible
FUNGUS RESISTANCE:	No Decay
TERMITE RESISTANCE:	Light Attack Rating = 9.6 (10 Max)
COEF OF THERMAL EXPANSION:	$2.8 \times 10^{-5}$ (1/C)
VAPOR DENSITY:	NE
EVAPORATION RATE:	NE
POUR POINT:	NA
FREEZING POINT:	NE
VOLATILE ORGANIC COMPOUND:	NE

NOTE: NA – Not Applicable      NE – Not Established

For additional information, contact customer service

## Section 10: Stability and Reactivity

STABILITY (THERMAL, LIGHT WEATHER, ETC.):	Stable (color does fade).
CONDITIONS TO AVOID:	Heat and flame. Buildup of dusts.
INCOMPATIBILITY:	Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Smoke, carbon monoxide, acetaldehyde, formaldehyde, formic acid & acetic acid.
HAZARDOUS POLYMERIZATION:	Will not occur.

## Section 11: Toxicological Information

### ACUTE TOXICOLOGY

ORAL TOXICITY (RATS):	NE
DERMAL TOXICITY (RABBITS):	NE
INHALATION TOXICITY (RATS):	NE
EYE IRRITATION (RABBITS):	NE
SKIN IRRITATION (RABBITS):	NE

NOTE: NE – Not Established

(Section 11: Toxicological Information continued)

**CHRONIC TOXICOLOGY**

IARC has determined and summarized that there is sufficient evidence to classify wood fiber as a human carcinogen. Exposure to wood fiber is severely reduced when wood fiber is encased by a polymer matrix.

**Section 12: Ecological Information**

ENVIRONMENTAL FATE AND EFFECTS: Not Established

**Section 13: Disposal Considerations**

WASTE DISPOSAL: Dispose of waste as normal refuse.

**Section 14: Transportation Information**

USA DOT:	Not regulated by US DOT.
IMO:	Not regulated by IMO.
IATA:	Not regulated by IATA

**Section 15: Regulatory Information**

GOVERNMENT INVENTORY STATUS:	All components comply with TSCA.
U.S. SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III:	Fiberon's Perspective™ Series Decking contains no chemicals reportable under SARA (313) toxic release program.
USE:	Composite Lumber Products for Decking

**Section 16: Other Information**

Preparation Date:	7/13/2019
Revision Date	7/13/2019

The provided information is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; the user therefore assumes all risks of use of the product and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. Nothing is intended as a recommendation for uses, which infringe valid patents, or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by US law, republication or retransmission of this document, in whole or in part, is not permitted. Fiber Composites, LLC assumes no responsibility for accuracy of information unless the document is the most current available from an official member of Fiber Composites, LLC distribution network. Fiber Composites, LLC neither represents nor do warrants that the format, content or product formula contained in this document complies with the laws of any other country except the United States of America.





# Safety Data Sheet

## Section 1: Chemical Product and Company Identification

## Product Identifier

Product Name:  
Fiberon® Perspective™ Series Square Edge & Grooved Decking – Dune  
(BRDPER DN 12, BRDPER DN 16, BRDPER DN 20, BRDPERG DN 12, BRDPERG DN 16,  
BRDPERG DN 20, HCFASP DN 12)

## Recommended Product Use

Please consult Fiberon product literature for proper usage or go to [fiberondecking.com](http://fiberondecking.com).

## Restrictions on Use

Perspective™ Series Decking is not intended for load-bearing or heavy structural applications.

## Product Code

## Supplier's Name

Fiber Composites, LLC dba Fiberon

## Street Address

181 Random Drive

## State

North Carolina

## City

New London

## Telephone Number (General)

(704) 463-7120

## Postal Code

28127

## Emergency Telephone Phone Number

(704) 948-0240

## Section 2: Hazard Identification

## Route of Entry

Skin Contact

Skin Absorption

Eye Contact

Inhalation

Ingestion

NOTE: WOOD FIBER IS CONTAINED IN A POLYETHYLENE MATRIX.

UNITED STATES OF AMERICA OSHA HAZARD COMMUNICATION STANDARD: This product may be used in applications that produce wood dust fibers. According to OSHA CFR 1910.1200, certain wood fibers are considered hazardous if the workplace airborne concentration exceeds the OSHA or ACGIH exposure limits (See section 8).

EMERGENCY RESPONSE DATA: Exposure to fire can generate toxic fumes. High dust levels may create potential for explosion. DOT ERG No. – NA

## Section 3: Composition/Information on Ingredients

## CHEMICAL NAMES AND SYNONYMS:

- 1.) WOOD FIBER, WOOD DUST OR WOOD FLOUR
- 2.) POLYETHYLENE

## INGREDIENTS CONSIDERED HAZARDOUS TO HEALTH:

<u>SUBSTANCE NAME</u>	<u>WEIGHT PERCENTAGE</u>
WOOD FIBER DUST	40-60 %

POLYETHYLENE IS A THERMOPLASTIC MATERIAL. THIS MATRIX CONTAINS PREDOMINANTLY WOOD FIBER AND POLYETHYLENE. THE POLYETHYLENE CAN BE SOURCED AS VIRGIN OR REGRIND (RECYCLED) MATERIALS. THE STANDARD PRODUCT IS APPROXIMATELY 50% THERMOPLASTIC AND 50% WOOD FIBER.

See Section 8 for exposure limits (if applicable)

### Section 4: First-Aid Measures

<b>EYE CONTACT:</b>	Flush thoroughly with water. If irritation occurs, call a physician.
<b>SKIN CONTACT:</b>	Wash contact areas with soap and water. Launder contaminated clothing before reuse.
<b>INHALATION:</b>	If respiratory irritation, cough shortness of breath, wheezing or chest tightness occurs after exposure to dust, remove from further exposure, seek immediate medical assistance and call for a physician.
<b>INGESTION:</b>	Not expected to be a problem when ingested in small quantities. If uncomfortable, seek medical assistance.

### Section 5: Fire Fighting Measures

<b>EXTINGUISHING MEDIA:</b>	Water
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Use water to keep fire-exposed product cool. For fires in enclosed area, fire fighters must use self-contained breathing apparatus.
<b>SPECIAL PROTECTIVE EQUIPMENT:</b>	For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	Exposure to fire can generate toxic fumes. High dust levels may create potential for explosion. Flash Point: Flame Spread Index: Flammable Limits – LEL: NA Flammable Limits – UEL: NA
<b>NFPA HAZARD ID:</b>	Health: 0      Flammability: 1      Reactivity: 0.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Smoke, Carbon Monoxide, Acetaldehyde, Formaldehyde, Formic Acid and Acetic Acid.

### Section 6: Accidental Release Measures

<b>NOTIFICATION PROCEDURE:</b>	None
<b>PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:</b>	Where dusty conditions are created as a result of cutting or sawing, wet down material then sweep or vacuum for disposal. Personnel performing cleanup must use protective equipment.
<b>ENVIRONMENTAL PRECAUTIONS:</b>	Not expected to be a problem.
<b>PERSONAL PRECAUTIONS:</b>	See Section 8.

### Section 7: Handling and Storage

<b>HANDLING:</b>	Perspective™ Series Decking is not intended for load-bearing or heavy structural applications. Please consult Fiberon’s literature for proper usage. The density of Perspective™ Series Decking material is heavier as compared to most traditional lumber products. Therefore, the user must employ proper handling to prevent damage or injury.
<b>STORAGE:</b>	Store Perspective™ Series Decking away from strong oxidizing agents or combustible material.

### Section 8: Exposure Controls/Personal Protection

<b>VENTILATION:</b>	Use and work in a well-ventilated area.
<b>RESPIRATORY PROTECTION:</b>	Approved dust respirators must be used for dusty conditions or if breathing of dusts is probable.
<b>EYE PROTECTION:</b>	Safety glasses with side shields or goggles should be worn to protect against dust particles in the air.
<b>SKIN PROTECTION:</b>	No special equipment required. Good personal hygiene should be followed.

<u>SUBSTANCE NAME</u>	<u>SOURCE</u>	<u>TWA</u>	<u>STEL</u>
Wood Fiber Dust	(Agency)	(ppm mg / m <sup>3</sup> )	(ppm mg / m <sup>3</sup> )
Hardwood	OSHA	5	
Softwood	OSHA	5	
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Softwood	ACGIH		10

NOTE: Limits as displayed are for guidance only. Follow application regulations.

## Section 9: Physical and Chemical Properties

Physical properties are given which are considered representative. For specific physical properties refer to the Product Data Sheet.

APPEARANCE:	Solid
ODOR:	None
PH VALUE:	NA
BOILING POINT:	NA
MELTING POINT:	Approximately 130 C
FLASH POINT:	398 C
FLAMMABILITY:	SwRI – Flame Spread Index = 115
SELF-IGNITION:	437 C
SMOKE DEVELOPED VALUE:	135
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TERMITE RESISTANCE:	Light Attack Rating = 9.6 (10 Max)
COEF OF THERMAL EXPANSION:	$2.8 \times 10^{-5}$ (1/C)
VAPOR DENSITY:	NE
EVAPORATION RATE:	NE
POUR POINT:	NA
FREEZING POINT:	NE
VOLATILE ORGANIC COMPOUND:	NE

NOTE: NA – Not Applicable      NE – Not Established

For additional information, contact customer service

## Section 10: Stability and Reactivity

STABILITY (THERMAL, LIGHT WEATHER, ETC.):	Stable (color does fade).
CONDITIONS TO AVOID:	Heat and flame. Buildup of dusts.
INCOMPATIBILITY:	Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Smoke, carbon monoxide, acetaldehyde, formaldehyde, formic acid & acetic acid.
HAZARDOUS POLYMERIZATION:	Will not occur.

## Section 11: Toxicological Information

### ACUTE TOXICOLOGY

ORAL TOXICITY (RATS):	NE
DERMAL TOXICITY (RABBITS):	NE
INHALATION TOXICITY (RATS):	NE
EYE IRRITATION (RABBITS):	NE
SKIN IRRITATION (RABBITS):	NE

NOTE: NE – Not Established

(Section 11: Toxicological Information continued)

**CHRONIC TOXICOLOGY**

IARC has determined and summarized that there is sufficient evidence to classify wood fiber as a human carcinogen. Exposure to wood fiber is severely reduced when wood fiber is encased by a polymer matrix.

**Section 12: Ecological Information**

ENVIRONMENTAL FATE AND EFFECTS: Not Established

**Section 13: Disposal Considerations**

WASTE DISPOSAL: Dispose of waste as normal refuse.

**Section 14: Transportation Information**

USA DOT: Not regulated by US DOT.  
 IMO: Not regulated by IMO.  
 IATA: Not regulated by IATA

**Section 15: Regulatory Information**

GOVERNMENT INVENTORY STATUS:	All components comply with TSCA.
U.S. SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III:	Fiberon's Perspective™ Series Decking contains no chemicals reportable under SARA (313) toxic release program.
USE:	Composite Lumber Products for Decking

**Section 16: Other Information**

Preparation Date:	7/13/2019
Revision Date	7/13/2019

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## Safety Data Sheet

### Section 1: Chemical Product and Company Identification

## Product Identifier

Product Name:  
Fiberon® Perspective™ Series Square Edge & Grooved Decking – Potomac Gray  
(BRDPER PG 12, BRDPER PG 16, BRDPER PG 20, BRDPERG PG 12, BRDPERG PG 16,  
BRDPERG PG 20, HCFASP PG 12)

## Recommended Product Use

Please consult Fiberon product literature for proper usage or go to [fiberondecking.com](http://fiberondecking.com).

## Restrictions on Use

Perspective™ Series Decking is not intended for load-bearing or heavy structural applications.

## Product Code

## Supplier's Name

Fiber Composites, LLC dba Fiberon

## Street Address

181 Random Drive

## State

North Carolina

## City

New London

## Telephone Number (General)

(704) 463-7120

## Postal Code

28127

## Emergency Telephone Phone Number

(704) 948-0240

### Section 2: Hazard Identification

## Route of Entry

Skin Contact

Skin Absorption

Eye Contact

Inhalation

Ingestion

NOTE: WOOD FIBER IS CONTAINED IN A POLYETHYLENE MATRIX.

UNITED STATES OF AMERICA OSHA HAZARD COMMUNICATION STANDARD: This product may be used in applications that produce wood dust fibers. According to OSHA CFR 1910.1200, certain wood fibers are considered hazardous if the workplace airborne concentration exceeds the OSHA or ACGIH exposure limits (See section 8).

EMERGENCY RESPONSE DATA: Exposure to fire can generate toxic fumes. High dust levels may create potential for explosion. DOT ERG No. – NA

### Section 3: Composition/Information on Ingredients

## CHEMICAL NAMES AND SYNONYMS:

- 1.) WOOD FIBER, WOOD DUST OR WOOD FLOUR
- 2.) POLYETHYLENE

## INGREDIENTS CONSIDERED HAZARDOUS TO HEALTH:

<u>SUBSTANCE NAME</u>	<u>WEIGHT PERCENTAGE</u>
WOOD FIBER DUST	40-60 %

POLYETHYLENE IS A THERMOPLASTIC MATERIAL. THIS MATRIX CONTAINS PREDOMINANTLY WOOD FIBER AND POLYETHYLENE. THE POLYETHYLENE CAN BE SOURCED AS VIRGIN OR REGRIND (RECYCLED) MATERIALS. THE STANDARD PRODUCT IS APPROXIMATELY 50% THERMOPLASTIC AND 50% WOOD FIBER.

See Section 8 for exposure limits (if applicable)

### Section 4: First-Aid Measures

**EYE CONTACT:** Flush thoroughly with water. If irritation occurs, call a physician.

**SKIN CONTACT:** Wash contact areas with soap and water. Launder contaminated clothing before reuse.

**INHALATION:** If respiratory irritation, cough shortness of breath, wheezing or chest tightness occurs after exposure to dust, remove from further exposure, seek immediate medical assistance and call for a physician.

**INGESTION:** Not expected to be a problem when ingested in small quantities. If uncomfortable, seek medical assistance.

### Section 5: Fire Fighting Measures

**EXTINGUISHING MEDIA:** Water

**SPECIAL FIRE FIGHTING PROCEDURES:** Use water to keep fire-exposed product cool. For fires in enclosed area, fire fighters must use self-contained breathing apparatus.

**SPECIAL PROTECTIVE EQUIPMENT:** For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Exposure to fire can generate toxic fumes. High dust levels may create potential for explosion.  
Flash Point:  
Flame Spread Index:  
Flammable Limits – LEL: NA  
Flammable Limits – UEL: NA

**NFPA HAZARD ID:** Health: 0 Flammability: 1 Reactivity: 0.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Smoke, Carbon Monoxide, Acetaldehyde, Formaldehyde, Formic Acid and Acetic Acid.

### Section 6: Accidental Release Measures

<b>NOTIFICATION PROCEDURE:</b>	None
<b>PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:</b>	Where dusty conditions are created as a result of cutting or sawing, wet down material then sweep or vacuum for disposal. Personnel performing cleanup must use protective equipment.
<b>ENVIRONMENTAL PRECAUTIONS:</b>	Not expected to be a problem.
<b>PERSONAL PRECAUTIONS:</b>	See Section 8.

### Section 7: Handling and Storage

<b>HANDLING:</b>	Perspective™ Series Decking is not intended for load-bearing or heavy structural applications. Please consult Fiberon’s literature for proper usage. The density of Perspective™ Series Decking material is heavier as compared to most traditional lumber products. Therefore, the user must employ proper handling to prevent damage or injury.
<b>STORAGE:</b>	Store Perspective™ Series Decking away from strong oxidizing agents or combustible material.

### Section 8: Exposure Controls/Personal Protection

<b>VENTILATION:</b>	Use and work in a well-ventilated area.
<b>RESPIRATORY PROTECTION:</b>	Approved dust respirators must be used for dusty conditions or if breathing of dusts is probable.
<b>EYE PROTECTION:</b>	Safety glasses with side shields or goggles should be worn to protect against dust particles in the air.
<b>SKIN PROTECTION:</b>	No special equipment required. Good personal hygiene should be followed.

<u>SUBSTANCE NAME</u>	<u>SOURCE</u>	<u>TWA</u>	<u>STEL</u>
Wood Fiber Dust	(Agency)	(ppm mg / m <sup>3</sup> )	(ppm mg / m <sup>3</sup> )
Hardwood	OSHA	5	
Softwood	OSHA	5	
Oak Hardwood	ACGIH	1	
Softwood	ACGIH		10

NOTE: Limits as displayed are for guidance only. Follow application regulations.

**Section 9: Physical and Chemical Properties**

Physical properties are given which are considered representative. For specific physical properties refer to the Product Data Sheet.

APPEARANCE:	Solid
ODOR:	None
PH VALUE:	NA
BOILING POINT:	NA
MELTING POINT:	Approximately 130 C
FLASH POINT:	398 C
FLAMMABILITY:	SwRI – Flame Spread Index = 115
SELF-IGNITION:	437 C
SMOKE DEVELOPED VALUE:	135
WATER ABSORPTION:	.5% by weight
COEF. OF MOISTURE EXPANSION:	.5% by thickness
WATER SOLUBILITY:	Negligible
FUNGUS RESISTANCE:	No Decay
TERMITE RESISTANCE:	Light Attack Rating = 9.6 (10 Max)
COEF OF THERMAL EXPANSION:	$2.8 \times 10^{-5}$ (1/C)
VAPOR DENSITY:	NE
EVAPORATION RATE:	NE
POUR POINT:	NA
FREEZING POINT:	NE
VOLATILE ORGANIC COMPOUND:	NE

NOTE: NA – Not Applicable      NE – Not Established

For additional information, contact customer service

**Section 10: Stability and Reactivity**

STABILITY (THERMAL, LIGHT WEATHER, ETC.):	Stable (color does fade).
CONDITIONS TO AVOID:	Heat and flame. Buildup of dusts.
INCOMPATIBILITY:	Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Smoke, carbon monoxide, acetaldehyde, formaldehyde, formic acid & acetic acid.
HAZARDOUS POLYMERIZATION:	Will not occur.

**Section 11: Toxicological Information**ACUTE TOXICOLOGY

ORAL TOXICITY (RATS):	NE
DERMAL TOXICITY (RABBITS):	NE
INHALATION TOXICITY (RATS):	NE
EYE IRRITATION (RABBITS):	NE
SKIN IRRITATION (RABBITS):	NE

NOTE: NE – Not Established

(Section 11: Toxicological Information continued)

CHRONIC TOXICOLOGY

IARC has determined and summarized that there is sufficient evidence to classify wood fiber as a human carcinogen. Exposure to wood fiber is severely reduced when wood fiber is encased by a polymer matrix.

**Section 12: Ecological Information**

ENVIRONMENTAL FATE AND EFFECTS: Not Established

**Section 13: Disposal Considerations**

WASTE DISPOSAL: Dispose of waste as normal refuse.

**Section 14: Transportation Information**

USA DOT:	Not regulated by US DOT.
IMO:	Not regulated by IMO.
IATA:	Not regulated by IATA

**Section 15: Regulatory Information**

GOVERNMENT INVENTORY STATUS:	All components comply with TSCA.
U.S. SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III:	Fiberon's Perspective™ Series Decking contains no chemicals reportable under SARA (313) toxic release program.
USE:	Composite Lumber Products for Decking

**Section 16: Other Information**

Preparation Date:	7/13/2019
Revision Date	7/13/2019

The provided information is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; the user therefore assumes all risks of use of the product and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. Nothing is intended as a recommendation for uses, which infringe valid patents, or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by US law, republication or retransmission of this document, in whole or in part, is not permitted. Fiber Composites, LLC assumes no responsibility for accuracy of information unless the document is the most current available from an official member of Fiber Composites, LLC distribution network. Fiber Composites, LLC neither represents nor do warrants that the format, content or product formula contained in this document complies with the laws of any other country except the United States of America.



## Safety Data Sheet



## Section 1: Chemical Product and Company Identification

## Product Identifier

Product Name:  
Fiberon® Perspective™ Series Square Edge & Grooved Decking – Redwood  
(BRDPER RW 12, BRDPER RW 16, BRDPER RW 20, BRDPERG RW 12, BRDPERG RW 16,  
BRDPERG RW 20, HCFASP RW 12)

## Recommended Product Use

Please consult Fiberon product literature for proper usage or go to fiberondecking.com.

## Restrictions on Use

Perspective™ Series Decking is not intended for load-bearing or heavy structural applications.

## Product Code

## Supplier's Name

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## State

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## City

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Flame Spread Index:  
Flammable Limits – LEL: NA  
Flammable Limits – UEL: NA

**NFPA HAZARD ID:** Health: 0 Flammability: 1 Reactivity: 0.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Smoke, Carbon Monoxide, Acetaldehyde, Formaldehyde, Formic Acid and Acetic Acid.

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POUR POINT:	NA
FREEZING POINT:	NE
VOLATILE ORGANIC COMPOUND:	NE

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Preparation Date:	7/13/2019
Revision Date	7/13/2019

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