



**Flexible**  
Building Products

## SAFETY DATA SHEET

# FireFlex FR House Wrap

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

## SECTION 1: Identification of the substance / mixture and of the company / undertaking

Date issued 05.02.2020

### 1.1. Product identifier

Product name FireFlex FR House Wrap

Product definition Lacquered aluminum glued with glass fiber fabric.

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

Use of the substance / preparation Construction Membrane laminate for building industry. Water vapor barrier, reinforced.

Main intended use PC-CON-OTH Other construction products

### 1.3. Details of the supplier of the safety data sheet

Company name Flexible Building Products

Office address 1058 N Tamiami Trail

Postal address Suite 108-177

City Sarasota

State Florida

Zip Code 34236

Country United States

Telephone number +1 (941) 483-1821

Email ddixon@flexiblebuildingproducts.com

Website www.Flexiblebuildingproducts.com

### 1.4. Emergency telephone number

Emergency telephone Telephone number: 112  
Description: Emergency telephone number (in Finland)  
Open 24 hours a day.

Telephone number: +358 800 147 111 or +358 9 471 977

Description: National poison information center / National helpdesk.  
Open 24 hours a day.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

CLP classification, notes In accordance with CLP/GHS regulation (EC) No 1272/2008, the product has not been classified as hazardous.  
The product is an article in the sense of Art. 3, REACH Regulation (EC) 1907/2006 and not subject to the labelling obligations according to Art. 1, CLP Regulation (EC) 1272/2008.

### 2.2. Label elements

Other label information (CLP) No labeling. In accordance with current regulations, this product has not been classified as hazardous.

### 2.3. Other hazards

PBT / vPvB For results of PBT and vPvB assessment, see point 12.5.

Other hazards Isocyanates may be released from the product during heating or if dust is formed with cutting etc.

## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

Description of the mixture Lacquered aluminum glued with glass fiber fabric.

Substance comments The product does not contain ingredients classified as hazardous to health or the environment at concentrations exceeding the concentration limits for listing such ingredients.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General Under normal conditions no need for first aid measures. If the situation is unclear or symptoms persist, seek medical attention.

Inhalation Under normal conditions no need for first aid measures. If symptoms occur, move exposed person to fresh air. Get medical attention if symptoms persist or are severe.

Skin contact Under normal conditions no need for first aid measures. Wash contaminated skin thoroughly with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Eye contact Under normal conditions no need for first aid measures. Immediately flush eyes with plenty of water for several minutes, holding eyelids open. Remove contact lenses, if present and easy to do, and continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion Under normal conditions no need for first aid measures. Do NOT induce vomiting.

Rinse mouth. If the person is conscious, give small amounts of water drink. Never give anything by mouth to an unconscious person. Place unconscious person on the side in the recovery position and ensure open airways. Get medical attention if symptoms occur.

#### 4.2. Most important symptoms and effects, both acute and delayed

Acute symptoms and effects      None known.

Delayed symptoms and effects      None known.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Other information      Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media      Dry chemical, carbon dioxide, water spray (fog) or foam.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous combustion products      Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide and unidentified organic and inorganic compounds.

#### 5.3. Advice for firefighters

Personal protective equipment      Wear appropriate protective equipment and self-contained breathing apparatus.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures      Avoid generation and spreading of dust.

Personal protection measures      Wear appropriate personal protective equipment. Avoid inhalation of dust.

#### 6.2. Environmental precautions

Environmental precautionary measures      Not relevant.

#### 6.3. Methods and material for containment and cleaning up

Clean up      Pick up and collect in a suitable container for disposal. Avoid generation and spreading of dust.

#### 6.4. Reference to other sections

Other instructions      Safe handling: see point 7.  
Personal protective equipment: see point 8.  
Waste disposal: see point 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling Ensure adequate ventilation. Use appropriate personal protective equipment while handling the product (see point 8). Avoid inhalation of dust.

### Protective safety measures

Preventative measures to prevent aerosol and dust generation Prevent formation of dust.

Advice on general occupational hygiene Handle in accordance with good industrial hygiene and safety practices. Do not eat, drink or smoke when using this product. Wash hands before breaks and at the end of workday.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage Store in a dry place. Protect from moisture. Store away from food and drink.

Conditions to avoid For incompatible materials see point 10.5.

### 7.3. Specific end use(s)

Specific use(s) None reported.

## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Glass fiber		Comments: TWA (8h) for continuous fiberglass: 5 mg/m <sup>3</sup> (inhalable dust) , 1 mg/m <sup>3</sup> (fiber/cm <sup>3</sup> ) .	
Isocyanates		<b>Limit value (short term)</b> Value: 0,035 mg/m <sup>3</sup> Comments: NCO	
Control parameters comments	DNEL/PNEC: Chemical safety assessment has not been performed for the product, no information available about ingredients.		

### 8.2. Exposure controls

#### Precautionary measures to prevent exposure

Technical measures to prevent exposure Ensure adequate ventilation. Provide sufficient ventilation for operations causing dust formation.

#### Eye / face protection

Suitable eye protection Under normal conditions not required. Wear suitable protective goggles if there is a risk of eye contact or conditions are dusty.

#### Hand protection

Suitable gloves type	Under normal conditions not required. Wear applicable chemical resistant safety gloves.
Suitable materials	Contact glove manufacturer for specific advice on glove selection.

### Skin protection

Suitable protective clothing	Under normal conditions not required. Wear appropriate protective clothing.
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### Respiratory protection

Respiratory protection necessary at	Normally not required. If it is not possible to reduce exposure levels to below exposure limit values by ventilation or if dust forms, use appropriate respirator.
Recommended type of equipment	Particle filter mask.

### Appropriate environmental exposure control

Environmental exposure controls	Prevent entry into drains, sewers, waterways or soil.
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## SECTION 9: Physical and chemical properties

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

Physical state	Solid. Sheet or reel.
Color	According to specifications.
Odor	Odorless. Comments: Not relevant.
Odor limit	Comments: Not relevant.
pH	Comments: Not relevant.
Melting point / melting range	Comments: Not relevant.
Boiling point / boiling range	Comments: Not relevant.
Flash point	Comments: Not relevant.
Evaporation rate	Not flammable.
Flammability (solid, gas)	Comments: Not applicable.
Explosion limit	Comments: Not relevant.
Vapor pressure	Comments: Not relevant.
Vapor density	Comments: Unknown.
Density	Medium: Water
Solubility	Comments: Not water-soluble. Comments: Not relevant.
Partition coefficient: n-octanol/ water	Comments: Not self-igniting.
Spontaneous combustibility	Comments: Unknown.
Decomposition temperature	Comments: Not relevant.
Viscosity	
Explosive properties	Not classified as explosive.

Oxidizing properties Not classified as oxidizing.

## 9.2. Other information

### Other physical and chemical properties

Comments None reported.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity Not reactive under normal use and storage conditions.

### 10.2. Chemical stability

Stability Stable under normal storage and handling conditions.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None known.

### 10.4. Conditions to avoid

Conditions to avoid Protect from moisture. Avoid dust formation.

### 10.5. Incompatible materials

Materials to avoid Water. Corrosive materials.

### 10.6. Hazardous decomposition products

Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced. In a fire or if overheated, toxic and irritating gases and vapors may be formed.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Other toxicological data There is no toxicological data available about the product as such. The product is not classified as acutely toxic.

### Other information regarding health hazards

Assessment of skin corrosion / irritation, classification The product is not classified as irritant or corrosive to skin.

Assessment of eye damage or irritation, classification The product is not classified as damaging or irritating to eyes. Dust in the eyes will cause irritation.

Sensitization The product is not classified as a respiratory or skin sensitizer. However, the product contains small amounts of components that may produce an allergic reaction.

Mutagenicity The product is not classified as a mutagen.

Carcinogenicity, other information	The product is not classified as a carcinogen.
Reproductive toxicity	The product is not classified as toxic to reproduction.
Assessment of specific target organ toxicity - single exposure, classification	The product is not classified as toxic to specific target organs at a single exposure. However, dust in high concentrations may irritate the respiratory system.
Assessment of specific target organ toxicity - repeated exposure, classification	The product is not classified as toxic to specific target organs at repeated exposure.
Assessment of aspiration hazard, classification	The product is not classified as an aspiration hazard.

## Symptoms of exposure

Other information	No other health effects reported.
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## SECTION 12: Ecological information

### 12.1. Toxicity

Ecotoxicity	There is no ecotoxicological data available about the product as such. The product is not classified as hazardous to the environment.
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### 12.2. Persistence and degradability

Persistence and degradability description/evaluation	No data available.
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### 12.3. Bioaccumulative potential

Bioaccumulation, evaluation	No data available.
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### 12.4. Mobility in soil

Mobility	No data available.
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### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	No data available.
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### 12.6. Other adverse effects

Additional ecological information	The product is not classified as hazardous to the environment. Prevent entry into drains, sewers, waterways or soil.
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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Collect spillage.
Other information	Dispose of in compliance with local and national regulations. Avoid release to the environment.

**SECTION 14: Transport information**

Dangerous goods	No
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**14.1. UN number**

Comments	The product is not classified for transportation.
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**14.2. UN proper shipping name****14.3. Transport hazard class(es)****14.4. Packing group****14.5. Environmental hazards****14.6. Special precautions for user****14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

Transport in bulk (yes/no)	No
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**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture**

Legislation and regulations	No specific regulations.
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**15.2. Chemical safety assessment**

Chemical safety assessment performed	No
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**SECTION 16: Other information**

Training advice	Read safety data sheet.
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Key literature references and sources for data	Product specifications by manufacturer SDSs for product components Decree on Concentrations known to be Hazardous 538/2018 (HTP-arvot 2018)
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Abbreviations and acronyms used	DNEL: Derived No-Effect Level HTP: Concentrations known to be Hazardous. PNEC: Predicted No-Effect Concentration TWA: Time-weighted average
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