Safety Data Sheet

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

1.1 Product identifier

Product Name
- EPDM Liners: EPDM Gutter Liner, PondGard™ Liner, RubberGard™ Neoprene Membrane, EPDM Geomembrane, GeoGard™ EPDM, PondGard™ EPDM

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
  firestonemds@bfdp.com

Telephone (General)
- 800-428-4442

1.4 Emergency telephone number

Manufacturer
- (800) 424-9300 - CHEMTREC
- (703) 527-3887 - CHEMTREC - International

Section 2: Hazards Identification

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

2.1 Classification of the substance or mixture

CLP
- Not classified

DSD/DPD
- Not classified

2.2 Label Elements

Hazard statements
- No label element(s) required

Risk phrases
- No label element(s) required

2.3 Other Hazards

CLP
- This material is exempt from CLP/REACH obligations as an article as specified in REACH (1907/2006) and related ECHA guidance.

DSD/DPD
- Under European Directive 1999/45/EC these product(s) are exempt and considered manufactured article(s) under stated normal conditions of use.
United States (US)
According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture
OSHA HCS 2012
• Not classified

2.2 Label elements
OSHA HCS 2012
    Hazard statements • No label element(s) required

2.3 Other hazards
OSHA HCS 2012
• Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard) this product is exempt as an article under stated normal conditions of use.

Canada
According to: WHMIS

2.1 Classification of the substance or mixture
WHMIS
• Not classified

2.2 Label elements
WHMIS
• No label element(s) required

2.3 Other hazards
WHMIS
• Under Canadian regulations (Workplace Hazardous Materials Information System (WHMIS) - Hazardous Products Act (HPA), Section 11(1)), these product(s) are exempt and considered manufactured article(s) under stated normal conditions of use.

2.4 Other information
• This material, as an article, does not legally require an SDS.

See Section 12 for Ecological Information.

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Identifiers</th>
<th>%</th>
<th>LD50/LC50</th>
<th>Classifications According to Regulation/Directive</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonhazardous Components</td>
<td>NDA</td>
<td>100%</td>
<td>NDA</td>
<td>EU DSD/DPD: None</td>
<td>NDA</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>EU CLP: None</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>OSHA HCS 2012: None</td>
<td></td>
</tr>
</tbody>
</table>

See Section 11 for Toxicological Information.
# Section 4 - First Aid Measures

## 4.1 Description of first aid measures

### Inhalation
- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, move person to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

### Skin
- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. Wash skin with soap and water. If signs/symptoms develop, get medical attention.

### Eye
- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If contact with material occurs flush eyes with water. If signs/symptoms develop, get medical attention.

### Ingestion
- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, get medical attention.

## 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
- Water, foam, dry chemical, carbon dioxide (CO2).

### Unsuitable Extinguishing Media
- None known.

## 5.2 Special hazards arising from the substance or mixture

### Unusual Fire and Explosion Hazards
- Does not present any special fire or explosive hazards.

### Hazardous Combustion Products
- Upon reaching temperatures of combustion, produces corrosive and/or toxic fumes.

## 5.3 Advice for firefighters
- Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. 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
- No special precautions expected to be necessary if material is used under ordinary conditions and as recommended.

### Emergency Procedures
- No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended. Use normal clean up procedures.

## 6.2 Environmental precautions
- No special precautions necessary.

## 6.3 Methods and material for containment and cleaning up

### Containment/Clean-up Measures
- Pick up pieces and place in container or bag for 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
- Use good safety and industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities
Storage
- 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
- No exposure limits/guidelines available for the material or the components.

8.2 Exposure controls
Engineering Measures/Controls
- Under normal conditions of use, special ventilation is not required.

Personal Protective Equipment
Respiratory
- No respiratory protection is required under normal conditions of use.

Eye/Face
- Under normal conditions of use, eye protection is not required.

Skin/Body
- No skin protection is ordinarily required under normal conditions of use.

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

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Material Description</th>
<th>Physical Form</th>
<th>Appearance/Description</th>
<th>Black solid with slight rubber odor.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Solid</td>
<td>Odor</td>
<td>Slight rubber odor.</td>
</tr>
<tr>
<td>Color</td>
<td>Black</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Data lacking</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>General Properties</th>
<th>Boiling Point</th>
<th>Melting Point</th>
<th>Data lacking</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not relevant</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Data lacking</td>
<td>pH</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Specific Gravity/Relative Density</td>
<td>&gt; 1 Water=1</td>
<td>Water Solubility</td>
<td>Negligible &lt; 0.1 %</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not relevant</td>
<td>Explosive Properties</td>
<td>Not relevant.</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>Not relevant</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Volatility
- Vapor Pressure: Not relevant
- Evaporation Rate: Not relevant

### Flammability
- Flash Point: Not relevant
- LEL: Not relevant
- UEL: Not relevant
- Flammability (solid, gas): Not relevant

### 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 under normal temperatures and pressures.

### 10.3 Possibility of hazardous reactions
- Hazardous polymerization will not occur.

### 10.4 Conditions to avoid
- Avoid flames, sparks, or other sources of ignition.

### 10.5 Incompatible materials
- No data available.

### 10.6 Hazardous decomposition products
- Thermal decomposition could produce CO, CO2, and sulfur oxides and oxides of nitrogen.

## Section 11 - Toxicological Information

### 11.1 Information on toxicological effects

#### Other Material Information
- This material is an article that does not release or otherwise result in exposure to a hazardous chemical under normal use. The information provided below is for components only and is not expected to be applicable to the material as a whole.

### GHS Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>EU/CLP • Not relevant</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>EU/CLP • Not relevant</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>EU/CLP • Not relevant</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>EU/CLP • Not relevant</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Not relevant</td>
</tr>
</tbody>
</table>
### Potential Health Effects

#### Inhalation

- **Acute (Immediate)**: Under normal conditions of use, no health effects are expected.
- **Chronic (Delayed)**: Under normal conditions of use, no health effects are expected.

#### Skin

- **Acute (Immediate)**: Under normal conditions of use, no health effects are expected.
- **Chronic (Delayed)**: Under normal conditions of use, no health effects are expected.

#### Eye

- **Acute (Immediate)**: Under normal conditions of use, no health effects are expected.
- **Chronic (Delayed)**: Under normal conditions of use, no health effects are expected.

#### Ingestion

- **Acute (Immediate)**: Under normal conditions of use, no health effects are expected.
- **Chronic (Delayed)**: Under normal conditions of use, no health effects are expected.

#### Reproductive Effects

- No reproductive effects expected.

### 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

<table>
<thead>
<tr>
<th>14.1 UN number</th>
<th>14.2 UN proper shipping name</th>
<th>14.3 Transport hazard class(es)</th>
<th>14.4 Packing group</th>
<th>14.5 Environmental hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
</tr>
<tr>
<td>TDG</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
</tr>
<tr>
<td>IMO/IMDG</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
</tr>
<tr>
<td>ADN</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
</tr>
<tr>
<td>ADR/RID</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
</tr>
<tr>
<td>IATA/ICAO</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
</tr>
</tbody>
</table>

14.6 Special precautions for user
- None known.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
- Not relevant.

Section 15 - Regulatory Information

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

SARA Hazard Classifications
- None

Canada

Labor
- Canada - WHMIS - Classifications of Substances
  Not Listed
- Canada - WHMIS - Ingredient Disclosure List
  Not Listed

Environment
- Canada - CEPA - Priority Substances List
  Not Listed

China

Other
- China - Annex I & II - Controlled Chemicals Lists
  Not Listed

Europe
Other

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification
Not Listed
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits
Not Listed
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling
Not Listed
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations
Not Listed
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases
Not Listed
EU - Hazardous Substances Restricted or Prohibited in Electrical Equipment (2002/95/EC) (RoHS)
Not Listed
EU - Inventory of Cosmetic Ingredients Directive (INCI) (76/768/EEC) - Other Ingredients
Not Listed
EU - Inventory of Cosmetic Ingredients Directive (INCI) (76/768/EEC) - Perfume and Aromatic Materials
Not Listed

Germany

Labor

Germany - Immission Control - Qualifying Quantities for Major Accident Prevention
Not Listed
Germany - Immission Control - Qualifying Quantities for Safety Reporting
Not Listed
Germany - TRGS 505 - Specific Lead Regulations
Not Listed
Germany - TRGS 511 - Specific Ammonium Nitrate Regulations
Not Listed

Environment

Germany - TA Luft - Types and Classes
Not Listed
Germany - TA Luft - Emission Limits for Carcinogenic Substances
Not Listed
Germany - TA Luft - Emission Limits for Fibers
Not Listed
Germany - TA Luft - Emission Limit for Inorganic Dusts
Not Listed
Germany - TA Luft - Emission Limits for Inorganic Gases
Not Listed
Germany - TA Luft - Emission Limits for Organic Substances
Not Listed
Germany - Water Classification (VwVwS) - Annex 1
Not Listed
Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes
Not Listed
Germany - Water Classification (VwVwS) - Annex 3
Not Listed

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals
Not Listed
U.S. - OSHA - Specifically Regulated Chemicals
Not Listed

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants
Not Listed
### U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities
Not Listed

### U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities
Not Listed

### U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs
Not Listed

### U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs
Not Listed

### U.S. - CERCLA/SARA - Section 313 - Emission Reporting
Not Listed

### U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing
Not Listed

### United States - California

#### Environment
- U.S. - California - Proposition 65 - Carcinogens List
  Not Listed
- U.S. - California - Proposition 65 - Developmental Toxicity
  Not Listed
- U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)
  Not Listed
- U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)
  Not Listed
- U.S. - California - Proposition 65 - Reproductive Toxicity - Female
  Not Listed
- U.S. - California - Proposition 65 - Reproductive Toxicity - Male
  Not Listed

### United States - Pennsylvania

#### Labor
- U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
  Not Listed
- U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances
  Not Listed

### 15.2 Chemical Safety Assessment
- Chemical Safety Assessment is not required.

### Section 16 - Other Information

- **Last Revision Date**: 30/March/2015
- **Preparation Date**: 08/January/2015
- **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