Safety Data Sheet

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

1.1 Product identifier

Product Name • GenFlex EZ TPO Peel & Stick™ HW

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

Relevant identified use(s) • Construction: Roofing Material

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

genflexmsds@bfdp.com

Telephone (General) • 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: 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

CLP

Hazard statements • No label element(s) required

DSD/DPD

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

OSH A HCS 2012

- Not classified

2.2 Label elements

OSH A HCS 2012

Hazard statements

- No label element(s) required

2.3 Other hazards

OSH A 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>Composition</th>
<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></td>
<td>Nonhazardous Components</td>
<td>NDA</td>
<td>100%</td>
<td>NDA</td>
<td>EU DSD/DPD: None</td>
<td>EU CLP: None</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>OSHA HCS 2012: None</td>
<td>NDA</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 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 Average Exposure Value
TWAEV = Time-Weighted Average Exposure Value
TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures
STEL = 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>General Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Solid</td>
<td>White &amp; gray, tan &amp; gray, or gray &amp; gray membranes with tacky bottom. No odor.</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>White and gray, tan &amp; gray, or gray &amp; gray.</td>
<td>Odor</td>
<td>White &amp; gray, tan &amp; gray, or gray &amp; gray membranes with tacky bottom. No odor.</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not relevant</td>
<td>Melting Point</td>
<td>Data lacking</td>
</tr>
<tr>
<td>Decomposition</td>
<td>Data lacking</td>
<td>pH</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Temperature</td>
<td></td>
<td>Water Solubility</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.94</td>
<td>Viscosity</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Relative Density</td>
<td></td>
<td>Explosive Properties</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Viscosity</td>
<td></td>
<td>Oxidizing Properties</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Volatility

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapor Pressure</td>
<td>Not relevant</td>
<td>Vapor Density</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not relevant</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Flammability

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>&gt; 392 F (&gt; 200 C)</td>
<td>UEL</td>
<td>Not relevant</td>
</tr>
<tr>
<td>LEL</td>
<td>Not relevant</td>
<td>Autoignition</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not flammable.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Environmental

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Octanol/Water Partition coefficient</td>
<td>Data lacking</td>
</tr>
</tbody>
</table>

### 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

- No data available

#### 10.5 Incompatible materials

- No data available.

#### 10.6 Hazardous decomposition products

- Thermal decomposition could produce CO, CO2, 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.

<table>
<thead>
<tr>
<th>GHS Properties</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.

### 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
Germany

Labor
- Germany - Immission Control - Qualifying Quantities for Major Accident Prevention
- Germany - Immission Control - Qualifying Quantities for Safety Reporting
- Germany - TRGS 505 - Specific Lead Regulations
- Germany - TRGS 511 - Specific Ammonium Nitrate Regulations

Environment
- Germany - TA Luft - Types and Classes
- Germany - TA Luft - Emission Limits for Carcinogenic Substances
- Germany - TA Luft - Emission Limits for Fibers
- Germany - TA Luft - Emission Limits for Inorganic Dusts
- Germany - TA Luft - Emission Limits for Inorganic Gases
- Germany - TA Luft - Emission Limits for Organic Substances
- Germany - Water Classification (VwVwS) - Annex 1
- Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes
- Germany - Water Classification (VwVwS) - Annex 3

United States

Labor
- U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals
- U.S. - OSHA - Specifically Regulated Chemicals

Environment
- U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants
- U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities
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
27/February/2015

Preparation Date
27/February/2015

Disclaimer/Statement of Liability

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Key to abbreviations
NDA = No Data Available