Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name
WeatherBond TPO Membrane (Standard, GS, EU, HS, EXTRA, Fleece and SAT, etc.);
Non-Reinforced Flashing, Rib Profiles and accessories constructed from membrane including Coverstrip,
Corners, Pipe Seals, Sealant Pockets, Tubing Wraps, etc.

Synonyms
Membrane, Tapes, Overlayment Strips and Accessories

Product Use
Roof and Waterproofing Membrane

Restrictions on Use
For industrial use only.

Manufacturer Information
Weatherbond
P.O. Box 215
Plainfield, PA 17081 USA
Phone: +1-866-471-5125
Emergency Phone #: +1-800-424-9300 (CHEMTREC)

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.
The products listed above are considered “articles” as defined in the OSHA Hazard
Communication Standard, 29 CFR 1910.1200 and are considered “manufactured articles” as
defined by the Canadian Hazardous Products Act (R.S.C., 1985, c. H-3) and as such are exempt
from the requirement for an SDS. Under normal conditions of use, these products do not pose a
hazard in the workplace or to the building occupants. Since these products or “articles” pose no
health hazard under normal conditions of use, there is no requirement for an SDS. In addition,
“articles” are not included in the scope of the Globally Harmonized System (GHS). For that
reason, the GHS labeling elements are not included on this SDS. Although these products are
not subject to the OSHA or Canadian standards or GHS labelling elements, WeatherBond would
like to disclose as much health and safety information as possible to ensure that these products
are handled and used properly. This SDS contains information critical to the safe handling and
proper use of the products. It is recommended that this SDS should be retained and made
available to the users of these products. In addition, the recommendations for handling and use
of these products should be included in worker training programs.
Safety Data Sheet

Material Name: WeatherBond TPO Membrane and Related Accessories

GHS Label Elements

Symbol(s)
None required

Signal Word
None required

Hazard Statement(s)
None required

Precautionary Statement(s)

Prevention
None required

Response

Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations

Other Hazards
No additional information available.

---

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS</th>
<th>Component Name</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>9010-79-1</td>
<td>Propylene ethylene copolymer</td>
<td>&gt;50</td>
</tr>
<tr>
<td>Trade Secret</td>
<td>Flame retardants (non-hazardous)</td>
<td>&gt;15</td>
</tr>
<tr>
<td>Trade Secret</td>
<td>Stabilizers</td>
<td>&gt;5</td>
</tr>
</tbody>
</table>

---

Section 4 - FIRST AID MEASURES

Description of Necessary Measures
None known.

Inhalation
Inhalation of vapor from this product during heat welding may cause respiratory tract irritation.

Skin
Exposure to hot surfaces during heat welding may cause thermal burns.

Eyes
Vapor from this product during heat welding may irritate eyes.
Ingestion
Cannot be ingested under normal circumstances.

Indication of any immediate medical attention and special treatment needed
Treat symptomatically and supportively.

Most Important Symptoms/Effects
Acute
None known
Delayed
None known

Note to Physicians
Nothing known to note.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media
Use dry chemical, carbon dioxide, or water spray.

Unsuitable Extinguishing Media
None reported.

Special Hazards Arising from the Chemical
Oil bleeds from material when burning.

Hazardous Combustion Products
Toxic gases or vapors, such as carbon monoxide and other organic compounds may be released in a fire.

Advice for firefighters
Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

Fire Fighting Measures
Standard procedures for Class A fires. Use self-contained breathing apparatus (SCBA) and protective clothing for structural fire fighting.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures
Wear personal protective clothing and equipment, see Section 8.

Methods and Materials for Containment and Cleaning Up
Sweep up and dispose in accordance with all applicable regulations.

Environmental Precautions
Provide adequate ventilation during heat welding.
Safety Data Sheet

Material Name: WeatherBond TPO Membrane and Related Accessories

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling
None known. Suggest wearing protective gloves. Wash thoroughly after handling. KEEP OUT OF REACH OF CHILDREN.

Conditions for Safe Storage, Including any Incompatibilities
This product may react with strong oxidizing agents and should not be stored near such materials. Best to store rolls in areas protected by automatic sprinklers. Store product below 60°C (140°F) to prevent roll sticking at installation

Incompatible Materials
Strong oxidizing agents

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits
No known exposure limits

Biological limit value
There are no biological limit values for any of this product's components.

Engineering Controls
Provide adequate ventilation. Ensure compliance with applicable exposure limits.

Individual Protection Measures, such as Personal Protective Equipment

Eye/face protection
Sunglasses which filter out ultraviolet light are strongly recommended since the white surface is highly reflective to sunlight.

Skin Protection
Work boots and work clothing recommended.

Respiratory Protection
A respiratory protection program that meets OSHA 1910.134, ANSI Z88.2 and / or CSA Z94.4-93 requirements must be followed whenever workplace conditions warrant use of a respirator.

Glove Recommendations
Wear protective gloves.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Physical State</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>White-on-black sheet; (white may be replaced by tan, gray, etc.)</td>
<td>solid</td>
<td>Black or white</td>
</tr>
</tbody>
</table>
# Safety Data Sheet

**Material Name:** WeatherBond TPO Membrane and Related Accessories

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>&gt;120</td>
</tr>
<tr>
<td>Boiling Point Range</td>
<td>Not available</td>
</tr>
<tr>
<td>Autoignition</td>
<td>&gt;357 °C</td>
</tr>
<tr>
<td>Vapor Density (air=1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Practically insoluble in water</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;329 °C</td>
</tr>
<tr>
<td>Specific Gravity (water=1)</td>
<td>0.95 – 1.05</td>
</tr>
<tr>
<td>Solubility (Other)</td>
<td>Not available</td>
</tr>
</tbody>
</table>

**Other Information**

No additional information available.

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## Section 10 - STABILITY AND REACTIVITY

**Reactivity**

No reactivity hazard is expected.

**Chemical Stability**

Stable under normal conditions of use.

**Possibility of Hazardous Reactions**

Hazardous polymerization will not occur.

**Conditions to Avoid**

Keep away from heat, sparks or open flame.

**Incompatible Materials**

None known

**Hazardous decomposition products**

Gases or vapors such as carbon monoxide, carbon dioxide, or oxides of nitrogen, and other organic compounds may be released in a fire.

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## Section 11 - TOXICOLOGICAL INFORMATION

**Information on Likely Routes of Exposure**

**Inhalation**

Unlikely under normal conditions.

**Skin Contact**

Unlikely under normal conditions.
Safety Data Sheet

**Material Name:** WeatherBond TPO Membrane and Related Accessories

**Eye Contact**
Unlikely under normal conditions.

**Ingestion**
Unlikely under normal conditions.

**Acute and Chronic Toxicity**
No data available.

**Immediate Effects**
No immediate effects known.

**Delayed Effects**
No delayed effects known.

**Irritation/Corrosivity Data**
My cause skin irritation with repeated contact. No other effects known.

**Respiratory Sensitization**
No data available.

**Dermal Sensitization**
No data available.

**Component Carcinogenicity**
No data available.

**Germ Cell Mutagenicity**
No data available.

**Reproductive Toxicity**
No data available.

**Specific Target Organ Toxicity - Single Exposure**
No data available.

**Specific Target Organ Toxicity - Repeated Exposure**
No data available.

**Aspiration hazard**
No data available.

**Medical Conditions Aggravated by Exposure**
No data available.

**Additional Data**
No additional information available.
Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity
No data available.

Component Analysis - Aquatic Toxicity
No data available.

Persistence and Degradability
No information available for the product.

Bioaccumulative Potential
No information available for the product.

Mobility
No information available for the product.

Other Toxicity
No additional information available.

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods
(1) Recycle / reprocess; (2) Incineration including energy recovery of waste material in a permitted facility in accordance with local, state or federal regulations; (3) Landfilling in a licensed facility in accordance with local, state or federal regulations.

Section 14 - TRANSPORT INFORMATION

US DOT Information:
UN/NA #: Not regulated

IATA Information:
UN#: Not regulated

TDG Information:
UN#: Not regulated
Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations
This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan:
None

SARA Section 311/312 (40 CFR 370 Subparts B and C)
Acute Health: No  Chronic Health: No  Fire: No  Pressure: No  Reactivity: No

U.S. State Regulations
The following components appear on one or more of the following state hazardous substances lists:
None known.

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):
None known.

Canadian WHMIS Ingredient Disclosure List (IDL)
Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL:
None known.

Component Analysis - Inventory
Finished product is not hazardous. Component analysis not required.

Section 16 - OTHER INFORMATION

HMIS Rating
Health: 0  Fire: 0  Reactivity: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe  * = Chronic hazard

NFPA Ratings
Health: 0  Fire: 0  Reactivity: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Summary of Changes
New SDS
Safety Data Sheet

Material Name: WeatherBond TPO Membrane and Related Accessories

Key / Legend
ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR’s Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH - Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

Other Information

Disclaimer:
The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.