1. Identification

Material Identification: Melt Blown Non-Woven Media and Composites
Tradenames & Synonyms: Polypropylene Melt Blown with or without Spunbond. Trade Name: HPAM®
Recommended Use/Restrictions: None
Company Identification: Monadnock Non-Wovens LLC.
5110 Park Court
Mt. Pocono, PA 18344

Product Information Number: 570-839-9210
Emergency Number: 1-800-424-9300 (Chemtrec)
Web Site: www.mnwovens.com

2. Hazard(s) identification

Classification: Not Hazardous

Label Elements: This product is not hazardous.

Precautionary Statement: This product is not hazardous under normal conditions of use. Dust generated by manual or mechanical cutting, slitting, sanding or abrading processes can cause irritation to the eyes, nose or throat.

3. Composition/Information on ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS Number</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polypropylene homopolymer</td>
<td>9003-07-0</td>
<td>99-100%</td>
</tr>
</tbody>
</table>

4. First-aid measures
Inhalation: (for dust)  If inhaled, move to fresh air. Get medical attention if symptoms persist.

Skin Contact: None known.

Eye Contact: (for dust)  In case of eye contact, immediately irrigate with plenty of water for 15 minutes. Consult a physician if necessary.

Ingestion: None known to be necessary. Call a physician if discomfort occurs.

5. Fire-fighting measures

Flammable Properties: Flash point >329 °C (650 °F)
Extinguishing Media: Water spray, dry chemical, CO₂, Foam
Autoignition Temperature: >357 °C (675 °F)
Specific Fire Hazards: None known
Fire Fighting Precautions: Normal fire-fighting procedures should be followed to avoid inhalation of smoke and gases and to reduce exposure to heat and flames. Wear self-contained breathing apparatus (NIOSH/MSHA approved SCBA), and full protective equipment.

6. Accidental release measures

Personal Precautions: Note: Review fire-fighting measures.
Environmental Precautions: No special environmental precautions known.
Spill Clean Up: Pick up and place in suitable disposable container.

7. Handling and storage

Safe Handling: Wear appropriate personal protective equipment. (for dust)
Safe Storage: Keep away from flames and sparks. Avoid contact with strong oxidizing agents. Store in a cool, dry place.

8. Exposure controls/personal protection

Exposure guidelines:
<table>
<thead>
<tr>
<th>Components</th>
<th>CAS Number</th>
<th>OSHA PEL (TWA)</th>
<th>ACGIH TLV (TWA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polypropylene</td>
<td>9003-07-0</td>
<td>None available</td>
<td>None available</td>
</tr>
</tbody>
</table>

*Engineering Controls:*  
Use sufficient ventilation to keep employee exposure below recommended limits, if dust is produced. (PNOR, Nuisance Dust)

*Personal Protective Equipment:*  
None required under normal conditions.

### 9. Physical and chemical properties

**Appearance:** Natural or white engineered fabric  
**Odor:** Odorless  
**Boiling Point:** Not Applicable  
**Vapor Pressure (mm Hg):** Not Applicable  
**Vapor Density (Air = 1):** Not Applicable  
**Solubility in Water:** Negligible  
**Specific Gravity (H2O=1):** 0.88-0.92  
**% Volatiles:** Not Applicable  
**pH:** Not Applicable

### 10. Stability and reactivity

**Reactivity:** ND  
**Chemical Stability:** Stable  
**Polymerization:** Will not occur  
**Incompatible Materials:** Strong oxidizing agents  
**Hazardous Decomposition:** Thermal decomposition or combustion may produce carbon monoxide, carbon dioxide, ketones, acrolein, aldehydes, and other unidentified organic compounds.

### 11. Toxicological information

**Toxicological Properties:** This product has not been tested as a separate entity. Caution must therefore be exercised through the prudent use of protective equipment and handling procedures, to minimize exposure for hazards in which test data is either limited or does not exist.
12. Ecological information

COD: Not determined.
Ecotoxicity: Not determined.

13. Disposal considerations

Waste Disposal: (1) Recycle (2) Dispose of material in accordance with federal, state, and local regulations. (3) Landfill as in (2).

14. Transport information

<table>
<thead>
<tr>
<th></th>
<th>DOT</th>
<th>IMO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shipping Name</td>
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<td>not applicable/not regulated</td>
</tr>
<tr>
<td>Hazard Class</td>
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<td>not applicable</td>
</tr>
<tr>
<td>Packing Group</td>
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<td>not applicable</td>
</tr>
<tr>
<td>UN Number</td>
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<td>not applicable</td>
</tr>
<tr>
<td>DOT Hazardous Substance</td>
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<td>not applicable</td>
</tr>
<tr>
<td>Transport Label</td>
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<td>none required</td>
</tr>
</tbody>
</table>

15. Regulatory information

U.S. Federal Regulations: All ingredients used in this product are registered under the provisions of the U.S. Toxics Substance Control Act (TSCA) Chemical Substance Inventory.

SARA 313 The following SARA Section 313 chemicals are present in trace amounts:

None

REACH: Polymer and Monomers are compliant with REACH legislation.

R.O.H.S.: Compliant
16. Other information

National Fire Protection Association (NFPA) Rating:

\[
\begin{align*}
\text{Health:} & \quad 0 \\
\text{Flammability:} & \quad 1 \\
\text{Reactivity:} & \quad 0
\end{align*}
\]

Hazardous Materials Identification System (HMIS) Rating:

\[
\begin{align*}
\text{Health:} & \quad 0 \\
\text{Flammability:} & \quad 1 \\
\text{Reactivity:} & \quad 0
\end{align*}
\]

SDS Revision History:

Date of preparation: 6/19/2017
Date of last revision: 4/25/18
Last revision #: 3

For additional information concerning this product, contact Monadnock Non-Wovens LLC.

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