SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : DuPont™ Tyvek® ThermaWrap R5.0
MSDS Number : 130000124162
Manufacturer : DuPont
Building Innovations
1007 Market Street
Wilmington, DE 19898

Product Information : 1-302-774-1000
Medical Emergency : 1-800-441-3637 (outside the U.S. 1-302-774-1139)
Transport Emergency : CHEMTREC: +1-800-424-9300 (outside the U.S. +1-703-527-3887)

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview
This product has no known adverse effect on human health. Additives in this product do not present a respiration hazard unless the product is ground to a powder of respirable size and the dust is inhaled. All dusts are potentially injurious to the respiratory tract if respirable particles are generated and inhaled.

Potential Health Effects
Carcinogenicity

<table>
<thead>
<tr>
<th>Material</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>2B</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is composed of polyethylene nonwoven fabric attached to polyester/polyethylene fiber batt.
SECTION 4. FIRST AID MEASURES

General advice : No hazards which require special first aid measures.

SECTION 5. FIREFIGHTING MEASURES

Fire and Explosion Hazard : Burning is accompanied by melting and dripping which may cause the fire to spread.
In fire conditions, toxic decomposition products may be formed. Hazardous combustion products may include: Carbon monoxide Carbon dioxide (CO2)

Firefighting Instructions : Wear self-contained breathing apparatus and protective suit. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Spill Cleanup : not applicable

SECTION 7. HANDLING AND STORAGE

Includes percentages of the following:

<table>
<thead>
<tr>
<th>Material</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene</td>
<td>9002-88-4</td>
</tr>
<tr>
<td>Polyethylene terephthalate</td>
<td>25038-59-9</td>
</tr>
<tr>
<td>Additives</td>
<td></td>
</tr>
</tbody>
</table>
Handling (Personnel) : Material can create slippery conditions. Take precautionary measures against static discharges. Minimize the generation and accumulation of dust.

Storage : No special storage conditions required.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Personal protective equipment</th>
<th>Respiratory protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory protection</td>
<td>Respiratory protection should not be required for normal use and handling. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.</td>
</tr>
</tbody>
</table>

### Exposure Guidelines

<table>
<thead>
<tr>
<th>Exposure Limit Values</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Polyethylene terephthalate</strong></td>
</tr>
<tr>
<td>AEL * (DUPONT)</td>
</tr>
<tr>
<td>AEL * (DUPONT)</td>
</tr>
<tr>
<td><strong>Titanium dioxide</strong></td>
</tr>
<tr>
<td>Permissible exposure limit: (OSHA)</td>
</tr>
<tr>
<td>TLV (ACGIH)</td>
</tr>
<tr>
<td>AEL * (DUPONT)</td>
</tr>
<tr>
<td>AEL * (DUPONT)</td>
</tr>
</tbody>
</table>

*AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.*

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES
 SECTION 10. STABILITY AND REACTIVITY  
Hazardous decomposition products: Carbon monoxide, Carbon dioxide (CO2)  

 SECTION 11. TOXICOLOGICAL INFORMATION  
**Polyethylene**  
Oral LD50: 7,950 mg/kg, rat  
Skin irritation: non-irritant  
Eye irritation: non-irritant  
Skin sensitization: Not a skin sensitizer.  
Further information: The substance is a polymer and is not expected to produce toxic effects.  

**Polyethylene terephthalate**  
Oral ALD - Approximate Lethal Dose: > 10,000 mg/kg, rat  
Skin irritation: No skin irritation, rabbit  
Eye irritation: animals (unspecified species)  
   Mild eye irritation  
Skin sensitization: Does not cause skin sensitisation., guinea pig  
Further information: The substance is a polymer and is not expected to produce toxic effects.  

 SECTION 12. ECOLOGICAL INFORMATION  
Aquatic Toxicity  
**Polyethylene**  
: The substance is a polymer and is not expected to produce toxic effects.
Polyethylene terephthalate:

- The substance is a polymer and is not expected to produce toxic effects.
- Additional ecological information: This product has no known ecotoxicological effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal: Where possible recycling is preferred to disposal or incineration.

SECTION 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION

- SARA 313 Regulated Chemical(s):
  - SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

- California Prop. 65:
  - WARNING! This product contains a chemical or chemicals known to the State of California to cause cancer. Titanium dioxide

- PA Right to Know Regulated Chemical(s):
  - Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Titanium dioxide

- NJ Right to Know Regulated Chemical(s):
  - Substances on the New Jersey Workplace Hazardous Substance List present at a concentration of 1% or more (0.1% for substances identified as carcinogens, mutagens or teratogens): Titanium dioxide
SECTION 16. OTHER INFORMATION

DuPont™ and Tyvek® are trademarks of E. I. du Pont de Nemours.

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Significant change from previous version is denoted with a double bar.