DuPont™ RoofLiner

Version 2.0

Revision Date 03/15/2010
Ref. 130000052573

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : DuPont™ RoofLiner
MSDS Number : 130000052573
Manufacturer : DuPont
1007 Market Street
Wilmington, DE 19898

Product Information : 1-800-441-7515 (outside the U.S. 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)

Other information : OSHA Hazard Communication Standard (29 CFR 1910.1200) requirements for Material Safety Data Sheets do not apply to this product. This product is excluded as an article. Information on potential hazards associated with product fabrication and/or installation are discussed in this datasheet.

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. Dust may form explosive mixture in air.

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

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonwoven Fabric</td>
<td></td>
<td>100 %</td>
</tr>
</tbody>
</table>

Includes percentages of the following:

<table>
<thead>
<tr>
<th>Polymer</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polypropylene</td>
<td>9003-07-0</td>
</tr>
<tr>
<td>Polyethylene</td>
<td>9002-88-4</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
</tr>
<tr>
<td>Additives</td>
<td></td>
</tr>
</tbody>
</table>
SECTION 4. FIRST AID MEASURES
General advice : No hazards which require special first aid measures.

SECTION 5. FIRE-FIGHTING MEASURES
Flammable Properties
Flash point : not applicable
Thermal decomposition : ca. > 200 °C (> 392 °F)
Fire and Explosion Hazard : Burning is accompanied by melting and dripping which may cause the fire to spread.
Fire and Explosion Hazard : Hazardous combustion products 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
Handling (Personnel) : Material can create slippery conditions. Take precautionary measures against static discharges. Avoid dust formation. Minimize the generation and accumulation of dust.
Storage : No special storage conditions required.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Personal protective equipment
Respiratory protection : 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.

Exposure Guidelines
Exposure Limit Values
Polypropylene
PEL (Permissible Exposure Limit) (OSHA) 15 mg/m3 8 hr. TWA Total dust.
SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : roll  
Color : blue  
Odor : none  
PpH : not applicable  
Melting point/range : no data available  
Boiling point/boiling range : not applicable  
Vapour Pressure : not applicable

SECTION 10. STABILITY AND REACTIVITY

Hazardous decomposition products : Carbon monoxide, Carbon dioxide
Material Safety Data Sheet

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SECTION 11. TOXICOLOGICAL INFORMATION

**DuPont™ RoofLiner**

Further information: This product has no known adverse effect on human health.

SECTION 12. ECOLOGICAL INFORMATION

Additional ecological information: This product has no known eco-toxicological 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**: Chemicals known to the State of California to cause cancer, birth defects or any other harm: none known

- **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, Calcium carbonate

- **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, Polychloro copper phthalocyanine

SECTION 16. OTHER INFORMATION

- **MSDS preparation date**: 03/15/2010

- **Restrictions for use**: Do not use DuPont materials in medical applications involving implantation in the human body or contact with internal body fluids or tissues unless the material has been provided from DuPont under a written contract that is

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consistent with DuPont policy regarding medical applications and expressly acknowledges the contemplated use. For further information, please contact your DuPont representative. You may also request a copy of the DuPont POLICY Regarding Medical Applications H-50103-3 and DuPont CAUTION Regarding Medical Applications H-50102-3.

DuPont™ Trademark of E.I. du Pont de Nemours and Company.

Contact person: MSDS Coordinator, 1007 Market St. Wilmington, DE 19898, Phone: 302-773-0904 (for MSDS information)/302-999-2778 (for technical information)

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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