



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
 Material

IARC

NTP

OSHA

Titanium dioxide

2B

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Nonwoven Fabric		100 %

Includes percentages of the following:

Polypropylene	9003-07-0	
Polyethylene	9002-88-4	
Titanium dioxide	13463-67-7	
Additives		



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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.



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PEL (Permissible Exposure Limit)	(OSHA)	5 mg/m3	8 hr. TWA	Respirable fraction.
TLV	(ACGIH)	3 mg/m3	8 hr. TWA	Respirable particles.
TLV	(ACGIH)	10 mg/m3	8 hr. TWA	Inhalable particles.
Polyethylene				
PEL (Permissible Exposure Limit)	(OSHA)	15 mg/m3	8 hr. TWA	Total dust.
PEL (Permissible Exposure Limit)	(OSHA)	5 mg/m3	8 hr. TWA	Respirable fraction.
TLV	(ACGIH)	3 mg/m3	8 hr. TWA	Respirable particles.
TLV	(ACGIH)	10 mg/m3	8 hr. TWA	Inhalable particles.
AEL *	(DUPONT)	5 mg/m3	8 & 12 hr. TWA	Respirable dust.
AEL *	(DUPONT)	10 mg/m3	8 & 12 hr. TWA	Total dust
Calcium carbonate				
PEL (Permissible Exposure Limit)	(OSHA)	5 mg/m3	8 hr. TWA	Respirable fraction.
Titanium dioxide				
PEL (Permissible Exposure Limit)	(OSHA)	15 mg/m3	8 hr. TWA	Total dust.
TLV	(ACGIH)	10 mg/m3	TWA	
AEL *	(DUPONT)	10 mg/m3	8 & 12 hr. TWA	Total dust.
AEL *	(DUPONT)	5 mg/m3	8 & 12 hr. TWA	Respirable dust.

* 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

Form	: roll
Color	: blue
Odor	: none
pH	: 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

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SECTION 11. TOXICOLOGICAL INFORMATION

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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)

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