



DuPont™ Tyvek® ThermaWrap R5.0

Version 2.1

Revision Date 05/27/2014

Ref. 130000124162

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™ 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

Material	IARC	NTP	OSHA
Titanium dioxide	2B		

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is composed of polyethylene nonwoven fabric attached to polyester/polyethylene fiber batt.



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Includes percentages of the following:

Polyethylene	9002-88-4	
Polyethylene terephthalate	25038-59-9	
Additives		

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



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- 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

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

Polyethylene terephthalate

AEL * (DUPONT) 10 mg/m3 8 hr. TWA Total dust.

AEL * (DUPONT) 5 mg/m3 8 hr. TWA Respirable dust.

Titanium dioxide

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



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Form : roll

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 : > 10,000 mg/kg , rat

Lethal Dose

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.



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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



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SECTION 16. OTHER INFORMATION

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

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.