



The miracles of science™

DuPont™ TYVEK® POLYOLEFIN COMPOSITE UNDERLAY

Date of issue : 16.10.2009
Revision : 00

1 Chemical Product and Company Identification

Material Identification

Commercial Product styles: TYVEK® 2001B, 2004B, 2005B, 2505B, 2506B, 2507B, 2508B, 2523B, 2524B and 2510B

Product Use: underlay

Company Identification

Manufacturer/Distributor

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2 Hazards Identification

No hazardous product under normal conditions.

N.B. Accidental thermal decomposition or melting state can present hazards.

3 Composition/Information on Ingredients

These products are polyolefin composite products with or without integrated tape. They meet the definition of an article without any substance intended to be released under the Regulation (EC) No. 1907/2006 (REACH).

Nature of the layers	: polyethylene (CAS No 9002-88-4)
	: polypropylene (CAS No 9003-07-0)
Binder	: ethylene vinyl acetate polymer
Tape	: polyester-polyvinyl alcohol support with acrylic adhesive
Minor components	: polyolefin additives
	: UV – stabiliser
	: organic and inorganic pigments colorants

Chemicals (in relevant concentrations)
that are in the list of dangerous substances : none



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4 First Aid Measures

Under normal conditions of use,

- Inhalation→** No specific measure to be taken.
If exposed to gases generated by the decomposition of the material at high temperatures, remove to fresh air and get medical assistance if cough or other symptoms persist. Low dust product, but if dust is inhaled, remove from source and seek medical attention if necessary (irritation...).
- Eyes→** No specific measure to be taken. Low dust product, but if dust enters in contact with the eyes, thoroughly flush the eyes using clean water for at least 15 minutes if necessary.
- Skin→** No specific measure to be taken.
- Ingestion→** No specific measure to be taken.

5 Fire Fighting Measures

Suitable extinguishing media:

Water spray (except when fire is of electrical origin), Foam, Dry powder of CO₂, Powder.

Extinguishing media not to be used: none

Special exposure hazard: none

For flammable and toxic fumes as well as skin contact with molten materials see section §10

Special protective clothing for fire-fighter:

A self-contained breathing apparatus and suitable protective equipment should be worn to fight fire.

6 Accidental Release Measures

Not applicable.

7 Handling and Storage

Normal requirements → Store in a dry area; avoid direct and prolonged exposure to sunlight.

In case of handling with important friction, and because the product is susceptible to build up an electrostatic charge, special precautions have to be taken to prevent people from any possible electrical shock.



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8 Exposure Controls / Personal Protection

Under normal conditions of use, no specific measures to be taken.

9 Physical and Chemical Properties

Appearance	:	sheet
Colour	:	various
Odour	:	neutral
Boiling Point (Deg C)	:	not applicable
Melting Point (Deg C)	:	> 100°C
Decomposition temperature	:	above 200°C in the presence of oxygen
Flash Point (Deg C), open cup	:	not applicable
Flammability	:	not easily flammable
Auto ignition Temp (Deg C)	:	higher than 300°C
Vapour pressure	:	not applicable
Solubility (water)	:	not soluble

10 Stability and reactivity

Under thermal decomposition flammable and toxic fumes can be generated.

Above 200°C may be released: toxic and flammable gases, carbon monoxide or acetic acid. The generation of cleavage and oxidation products is subject of fire conditions. Non burned residues and contaminated water after fire fighting should be disposed of in compliance with official regulations.

Molten material should not be allowed to enter in contact with the skin to which it can adhere and cause burns.

11 Toxicological Information

No toxic reaction known under normal conditions, not classified as harmful.

Note: under decomposition conditions: toxic fumes and contaminated water (see §10)

12 Ecological Information

For transportation, storage, normal use, no ecological effects known.
No water pollution.



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13 Disposal Considerations

The preferred way for disposal is through recycling or thermal valorisation (incineration); avoid landfilling.

14 Transportation Information

Not regulated, not a dangerous good as defined by the following regulations:

Sea transportation:	IMO / IMDG
Air transportation:	ICAO / IATA
Road, Rail transportation:	ADR / RID

15 Regulatory Information

Designation according to EC guidelines

According to the text of EEC directive 67/548 and following adaptations, the product is not dangerous.

16 Other Information

Restrictions on 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 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.

Further information

The data in this SDS was prepared for the DuPont™ TYVEK® Polyolefin Composite Underlay products.

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 above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.

For additional information on installation and use, please contact your DuPont representative.