

Name DuPont™ Tyvek® ThermaWrap R5.0



Product ID MSDS 130000124162 Classification 07 25 00.00 Thermal and Moisture Protection (insulation water barrier): Weather Barriers

Website www.ThermaWrapR5.Tyvek.com

Manufacturer E.I. du Pont de Nemours and Company Contact Name James Chambers Title Product Manager

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Description The next revolution in weatherization technology—one breathable product for air, water and thermal protection. DuPont™ Tyvek® ThermaWrap™ R5.0 offers the air and water management benefits of all DuPont™ Tyvek® weather barriers with an R-value of 5.0. Compared to other exterior insulation products, the unique structure of Tyvek® ThermaWrap™ R5.0 allows any moisture that may get inside the wall to dry and escape to the outside, helping to prevent the accumulation of water in the wall reducing the chance for water damage and mold. Exposure to any hazards associated with the inputs mentioned are not present in the finished form of Tyvek® ThermaWrap™ R5.0. The ingredients listed which trigger the associated cancer hazard are inert within the finished form of Tyvek® ThermaWrap™ R5.0.

Release Date 2014-10-03 Expiry Date 2017-10-03 HPD URL https://tool.hpdcollaborative.org/uploads/files/hpds/270/1493-20141003132637.pdf
Self-declared
Second Party
Third Party
Certifier
Certificate #

SUMMARY DISCLOSURE

The content of this product was assessed for health hazard warnings as required using Pharos

Residuals Disclosure: Measured 100 ppm (ideal), Measured 1000 ppm, Predicted by process chemistry, As per MSDS (1,000 & 10,000 ppm), Not disclosed, Other.
Full Disclosure of Intentional Ingredients: Yes, No
Full Disclosure of Known Hazards: Yes, No
Disclosure Notes

Contents in Descending Order of Quantity

Undisclosed (Additives), POLYETHYLENE TEREPHTHALATE (PET), POLYETHYLENE, Titanium dioxide

Hazards: PBT (Persistent Bioaccumulative Toxic), Cancer, Gene Mutation, Development, Reproductive, Endocrine, Respiratory.
Highest concern GreenScreen score - List Translator Benchmark 1: Neurotoxicity, Mammal, Skin or Eye, Aquatic toxicity, Land toxicity, Physical hazard, Global warming, Ozone depletion, Multiple, Unknown

Total VOC Content: Material (g/L) N/A, Regulatory (g/L) N/A.
Does the product contain exempt VOCs? N/A, Yes, No
Are there VOC-free tints available? N/A, Yes, No

Notes

Certifications + Compliance

VOC Emissions Not tested VOC Content N/A

The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an “open standard” developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit hpdcollaborative.org.

CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level.

Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at www.hpdcollaborative.org/hazardlists.

GS: GreenScreen Benchmark; **RC:** Recycled Content, **PC:** Post Consumer, **PI:** Post Industrial (Pre-consumer), **BO:** Both; **Nano:** comprised of nanoscale particles or nanotechnology

Name	CAS RN	% weight	GS	RC	Nano	Role
Hazard A	Warning A					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
Undisclosed (Additives)	Unknown	0 - 100 %		N	N	Adhesive
Unknown	Not disclosed					
Proprietary components are withheld as a trade secret. The percent by weight for this component is intellectual property.						
POLYETHYLENE TEREPHTHALATE (PET)	25038-59-9	0 - 100 %	LT-U	N	N	Body
None found	No warnings found on HPD Priority lists					
Proprietary components are withheld as a trade secret. The percent by weight for this component is intellectual property.						
POLYETHYLENE	9002-88-4	0 - 100 %	LT-U	N	N	Body
None found	No warnings found on HPD Priority lists					
Proprietary components are withheld as a trade secret. The percent by weight for this component is intellectual property.						
Titanium dioxide	13463-67-7	0 - 100 %	LT-1	N	N	Colorant
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
Proprietary components are withheld as a trade secret. The percent by weight for this component is intellectual property.						

CERTIFICATIONS AND COMPLIANCE

Certifying Party = First: Manufacturer’s self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

Applicable facilities = Manufacturing sites to which testing applies.

Type	Standard or Certification			Certifier or Laboratory
	Certifying Party	Issue Date	Expiry Date	Certificate URL

		Applicable Facilities			
		Notes			
VOC Emissions	Not tested				
VOC Content	N/A				
Recycled Content	Not tested				
Other					

ACCESSORY MATERIALS

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products. Note: This declaration is not intended to address hazards of the installation process.

Required or Recommended Product	URL for Companion Health Product Declaration
Condition when required or recommended and/or other notes	
DuPont™ FlexWrap™ NF	
DuPont™ FlexWrap™ NF self-adhered flashing does not require mechanical fasteners, even in flexed corner areas around building openings. This allows it to provide easy, one-step insulation for hard-to-seal corners around windows and doors. FlexWrap™ NF is designed to help protect vulnerable corners against air and water intrusion, as part of a complete DuPont Building Envelope Solution.	
DuPont™ Tyvek® Fluid Applied Flashing: Brush (VOC 25.00 g/L)	
A high quality, lower viscosity fluid applied flashing that can be brushed on for improved protection of complex window openings including effective application around recessed windows.	
DuPont™ Flashing Tape	
DuPont™ Flashing Tape helps protect the heads and jambs of rectangular doors and windows from air and water intrusion. Wind-driven rain and outdoor air can find their way into walls around windows and doors. By helping to seal the building envelope, self-adhered DuPont™ Flashing Tape can help reduce the risk of water damage, increase building comfort, and improve energy efficiency.	

DuPont™ Tyvek® Wrap Caps	
DuPont™ Tyvek® Wrap Caps are the recommended fastening method for DuPont™ Weatherization Systems. They provide additional protection around fastener penetrations and increases fastener-holding power.	
DuPont™ Tyvek®; DuPont™ Tyvek® CommercialWrap®; DuPont™ Tyvek® CommercialWrap® D; DuPont™ Tyvek® StuccoWrap®; DuPont™ Tyvek® HomeWrap®; DuPont™ Tyvek® DrainWrap™	
There are many Tyvek® product types to meet your building protection, durability and aesthetic needs, including the products listed.	
DuPont™ Residential Sealant (VOC 16.00 g/L)	
As an integral part of a complete building envelope system, DuPont™ Residential Sealant helps control both air and water intrusion, to help make homes more comfortable, prevent water damage, and reduce heating and cooling costs.	
DuPont™ StraightFlash™	
DuPont™ StraightFlash™ door and window flashing provides premium protection against water intrusion. By sealing vulnerable areas around openings, StraightFlash™ can help improve the durability and energy efficiency of both homes and commercial structures.	
Tyvek® Tape: Seam Tape	
The best seam tape for sealing DuPont™ Tyvek® weather barriers against air and water in both residential and commercial construction. Finish the building envelope with a superior seam tape – DuPont™ Tyvek® Tape.	
DuPont™ StraightFlash™ VF	
StraightFlash™ VF integrates easily with other DuPont™ weatherization products, including Tyvek® air and water barriers, to help seal the building envelope. By protecting against water intrusion, StraightFlash™ VF helps prevent water damage to windows and doors. In addition, it can help keep water out of the wall system and away from insulation helping to improve the insulation's durability and preserve its R-value.	
DuPont™ Sealant for Tyvek® Fluid Applied System (VOC 25.00 g/L)	
Is specifically designed for easy use with the DuPont™ Tyvek® Fluid Applied System: fills gaps around windows, doors and penetrations	
DuPont™ Tyvek® Fluid Applied Flashing & Joint Compound (VOC 25.00 g/L)	
Fluid Applied Flashing & Joint Compound is an integral part of the DuPont™ Tyvek® Fluid Fluid Applied system, combining the functions of both flashing and joint compound into a single unique product to help increase job site efficiency by preventing lost time and material waste.	
DuPont™ Tyvek® Fluid Applied WB (VOC 25.00 g/L)	
DuPont™ Tyvek® Fluid Applied Weather Barrier Systems provide water and fluid applied air barrier protection designed for the unique demands of heavy commercial construction projects.	

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