

Thermax™ Brand Insulation

DuPont Sustainability Commitment

DuPont has a long history of leadership in sustainability and energy efficiency. DuPont has sustainability goals for operations, manufacturing, and energy generation which results in mutually beneficial reduction of costs and greenhouse gas emissions. DuPont products and technologies contribute to a sustainable built environment by helping to create energy efficient, and safe, and long lasting commercial and residential buildings.

DuPont has a commitment to implementing Responsible Care® and leading implementation efforts worldwide. The primary objective of Responsible Care® is to drive continuous industry improvement in environmental, health and safety (EH&S) performance. DuPont Performance Building Solutions supports this objective by making health, safety and environmental protection an integral part of the product design, manufacturing, marketing, distribution, use, recycling and disposal processes.

Purpose

This product transparency report is intended to summarize the chemistry attributes associated with Thermax™ Brand Insulation to be used for obtaining LEED v4 credits. DuPont Performance Building Solutions has completed a third-party audit by GreenCircle Certified, LLC which has verified our product and chemical management system. This assessment included a review of the completeness and accuracy of hazard classification, assessment, and communication within the provisions of North American countries' regulatory requirements.

Product Ingredient Reporting

Meets the requirements of MR Credit: Building Disclosures and Optimization – Material Ingredients – Option 1.

The following table represents the ingredients that are in this product at concentrations of at least 1,000 ppm (0.1%).

Disclosure: All product ingredients known or reported (by a supplier) to be present in a concentration of at least 0.1% (1,000 ppm) or lower concentrations if required by OSHA hazard communications are set forth in the product ingredient table. The CASRN (Chemical Abstract Services Registration Number) is listed for reference.

- Publicly available ingredients are identified by name and Chemical Abstract Service Registration Number (CASRN)
- Ingredients defined as trade secret or intellectual property have been withheld; however, the role, amount and hazards based on screening for the levels of ingredients presented are reported on this page per the requirements of the Globally Harmonized System of Classification and Labelling of Chemicals rev. 6 (2015).

Thermax™ Brand Insulation

This material is nonhazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200. It is also an Article by OSHA 29 CFR 1910.1200(c), "Article means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of this section), and does not pose a physical hazard or health risk to employees."

DuPont has conducted internal Risk Assessments and reviews of the hazardous components within this product and has concluded that the concentration of the hazardous component(s) do not contribute to the overall product hazard classification.

DuPont has also evaluated this product during installation and there is no significant exposure to chemicals of concern, and there is no exposure to chemicals of concern in its final usage. The products listed above do not release or otherwise result in exposure to a hazardous chemical under the intended conditions of use and meet all other listed requirements of an article.

Publicly Available Ingredients

Ingredient Name	Ingredient CAS Number
Aluminum	7429-90-5
Tris(1-chloro-2-propyl) phosphate	13674-84-5
1-Bromopropane	106-94-5
2-Ethylhexanoic acid potassium salt	3164-85-0

Proprietary Ingredients

Role	% by weight	GHS Hazard Category
Modified Polyisocyanurate Rigid Cellular Polymer	70-90%	Non-Hazardous
Continuous Filament Glass Fiber	< 10%	Non-Hazardous
Hydrocarbon Blowing Agent	< 5%	Below OSHA GHS Reporting Threshold
Hydrocarbon Blowing Agent	< 5%	Below OSHA GHS Reporting Threshold
Hydrocarbon Blowing Agent	< 5%	Below OSHA GHS Reporting Threshold
Surfactant	< 5%	Non-Hazardous



For more information visit
building.dupont.com
or call 1-866-583-2583

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DuPont Polyisocyanurate Insulation

CAUTION: This product is combustible and shall only be used as specified by the local building code with respect to flame spread classification and to the use of a suitable thermal barrier. For more information, consult MSDS, call DuPont at 1-866-583-2583 or contact your local building inspector. In an emergency, call 1-989-636-4400.

DuPont Polyurethane Foam Insulation and Sealants

CAUTION: When cured, these products are combustible and will burn if exposed to open flame or sparks from high-energy sources. Do not expose to temperatures above 240°F (116°C). For more information, consult MSDS, call DuPont at 1-866-583-2583 or contact your local building inspector. In an emergency, call 1-989-636-4400 in the U.S. or 1-519-339-3711 in Canada.

Building and/or construction practices unrelated to building materials could greatly affect moisture and the potential for mold formation. No material supplier including DuPont can give assurance that mold will not develop in any specific system.

WARNING: Rigid foam insulation does not constitute a working walkable surface or qualify as a fall protection product.

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