

HPD UNIQUE IDENTIFIER: 21417

CLASSIFICATION: 07 26 00 Vapor Retarders

PRODUCT DESCRIPTION: Stego Wrap Vapor Barrier is a low-permeance under-slab vapor barrier (0330 00, 07 26 00) engineered to exceed ASTM E1745 Class A performance requirements and provide long-term moisture vapor protection. Additional CSI MasterFormat designation: 03 30 00

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
 Basic Method

Threshold Disclosed Per

- Material
 Product

Threshold level

- 100 ppm
 1,000 ppm
 Per GHS SDS
 Other

Residuals/Impurities

- Considered
 Partially Considered
 Not Considered

Explanation(s) provided
for Residuals/Impurities?
 Yes No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No
% weight and role provided for all substances.

Screened Yes Ex/SC Yes No
All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No
One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE
STEGO WRAP [UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK
UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-UNK

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

*** Manufacturer has opted for the basic inventory display – chemical substances are listed by weight in the entire product instead of grouped by material. *** We have worked closely with our suppliers to ensure the least toxic ingredients are chosen while maintaining required performance characteristics. *** Stego Wrap contains no VOC's.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: N/A

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2020-08-14

PUBLISHED DATE: 2020-08-14

EXPIRY DATE: 2023-08-14



Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

STEGO WRAP

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Due to the physical nature of the product-- specifically, the manner in which ingredients are physical bound in the polymer matrix-- and the quality built into the sourcing and manufacturing processes, no attempt has been made to catalogue or quantify residuals or impurities at this time.

OTHER PRODUCT NOTES: *** Stego Wrap Vapor Barrier meets the standards of the Federal, Food, Drug, and Cosmetic Act and the rules and regulations promulgated there under. No additional substances, such as heavy metals (antimony, arsenic, barium, cadmium, chromium, lead, mercury, selenium or silver), are intentionally added to this product that would violate governmental guidelines.

*** Stego Wrap Vapor Barrier complies with Model Toxics Legislation that regulates the heavy metals lead, cadmium, mercury and hexavalent chromium. Per Model Toxics Legislation, the sum of the aforementioned metals is less than 100ppm in Stego Wrap Vapor Barrier. www.toxicsinpackaging.org/docs/lab_testing_guidance.pdf.

*** In accordance with CONEG (Coalition of Northeastern Governors) regulations currently in effect, Stego Wrap Vapor Barrier contains less than 100ppm in total of cadmium, chromium, lead and mercury. www.coneg.org.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-08-14

#: 0.0000 - 95.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Polymer species

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The polyethylene blend for Stego Wrap, which provides the physical structure of the material and lends the product its specialized performance characteristics, represents a Trade Secret. As per paragraph (i) of OSHA Hazard Communication Standard 29 CFR Part 1910.1200, formulation is considered a trade secret and specific chemical identify and exact percentage of composition may be withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designation representatives in accordance with applicable provisions of paragraph (i).

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-08-14

#: 0.0000 - 95.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Polymer species

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The polyethylene blend for Stego Wrap, which provides the physical structure of the material and lends the product its specialized performance characteristics, represents a Trade Secret. As per paragraph (i) of OSHA Hazard Communication Standard 29 CFR Part 1910.1200, formulation is considered a trade secret and specific chemical identify and exact percentage of composition may be withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designation representatives in accordance with applicable provisions of paragraph (i).

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-14**

%: **0.0000 - 95.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The polyethylene blend for Stego Wrap, which provides the physical structure of the material and lends the product its specialized performance characteristics, represents a Trade Secret. As per paragraph (i) of OSHA Hazard Communication Standard 29 CFR Part 1910.1200, formulation is considered a trade secret and specific chemical identify and exact percentage of composition may be withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designation representatives in accordance with applicable provisions of paragraph (i).

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-14**

%: **0.0000 - 5.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Anti-adhesive agent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The additives utilized in Stego Wrap, which lend various properties to the product during manufacturing and through its subsequent lifetime, represent Trade Secrets. Therefore, neither the specific percentages of each additive (by weight), nor the exact components themselves, can currently be disclosed.

Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS

N/A

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2019-**

EXPIRY DATE:

CERTIFIER OR LAB: **None**

APPLICABLE FACILITIES: **All**

04-04

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **This is an exterior applied product.**

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

STEGO TAPE

HPD URL: <https://www.stegoindustries.com/stego-industries-hpd>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Recommended for all installations.

STEGO CRETE CLAW TAPE

HPD URL: <https://www.stegoindustries.com/stego-industries-hpd>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Recommended for all installations.

STEGO MASTIC

HPD URL: <https://www.stegoindustries.com/stego-industries-hpd>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Recommended for all installations. Wet-applied product; VOC content less than 30 grams/liter.

STEGOTACK TAPE

HPD URL: <https://www.stegoindustries.com/stego-industries-hpd>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Recommended for most installations.

STEGO TERM BAR

HPD URL: <https://www.stegoindustries.com/stego-industries-hpd>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Recommended for some installations.

*** Stego Industries ("Stego") officially embarked on its Footprint Project in June of 2014 to eliminate the carbon emissions of its business operations and help brand a culture of sustainability Stego has incorporated into its business model from the beginning. Our Stego Green Team, which includes every corporate department, is using life cycle thinking to review the impacts of our products and our operations. These ongoing efforts' ultimate goal is to create a comprehensive corporate sustainability report to demonstrate our commitment to the environment and improve our performance in key areas. We hope you will hold us accountable for the good of our planet so we can prove yellow is green. - See more at: <https://www.stegoindustries.com/sustainability> *** Before Stego codified its sustainability efforts under its Footprint project, we already led our industry in green initiatives - both on the projects we supplied our products to and in how we conducted our business operations. Stego proudly converted its corporate headquarters in sunny San Clemente, Calif. to a 100 percent solar powered facility in 2010. Each year, Stego's solar panels: produce approximately 55.7 megawatts of electricity, offset the equivalent of approximately three acres of trees, could power approximately 1,150 homes for one day. We also provide a number of offsets and incentives to our employees: we began offsetting carbon emissions from all business air travel in 2013 and we offer a vehicle purchase incentive for employees to upgrade their work-use vehicles to more fuel-efficient choices. *** Stego served as a Pilot Manufacturer in the Health Product Declaration Collaborative (HPDC), which was a step taken to help lead the charge towards standardized transparency of building products. More recently, Stego has also become a Supporter Level Sponsor and member of the Manufacturer Advisory Panel (MAP) to further our support and involvement. Stego is also a member of the United States Green Building Council (USGBC) and we have sponsored the ABC Green Home since the project's inception in 2011. - See more at: <https://www.stegoindustries.com/sustainability/achievements> *** Stego, the stegosaurus design logo[s], Crete Claw, StegoTack, StegoCrawl, Beast, and the Beast design logo are all deemed to be registered and/or protectable trademarks or service marks of Stego Industries, LLC. © 2019 All rights reserved. Please visit <http://www.stegoindustries.com/legal/> for more information.



MANUFACTURER INFORMATION

MANUFACTURER: **Stego Industries, LLC**
 ADDRESS: **216 Avenida Fabricante Suite 101 San Clemente California 92672, USA**
 WEBSITE: <https://www.stegoindustries.com/products/vapor-barrier-15-mil>

CONTACT NAME: **Tom Marks CSI CDT LEED Green Associate**
 TITLE: **Sustainability Manager**
 PHONE: **(877) 464-7834**
 EMAIL: tommarks@stegoindustries.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	NoGS No GreenScreen.
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products

through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.