

CLASSIFICATION: 09 80 00

created via: HPDC Online Builder

PRODUCT DESCRIPTION: WAVEBLOK FC (FLOOR/CEILING) IS A HIGHLY ENGINEERED DAMPING COMPOSITE DESIGNED TO BE PLACED ONTO THE BARE FLOOR SURFACE TO SIGNIFICANTLY REDUCE NOISE BETWEEN FLOORS. EASILY INSTALLS UNDER ALL FLOORING INCLUDING HARDWOOD, CARPET, LAMINATE, TILE AND GYPSUM CONCRETE. WAVEBLOK FC IS ALSO SOLD UNDER THE NAME DB4. UNITED PLASTICS CORPORATION IS A SUBSIDIARY OF THE GARLAND COMPANY, INC.

Section 1: Summary

CONTENT INVENTORY

- Threshold per material
- 100 ppm
 - 1,000 ppm
 - Per GHS SDS
 - Per OSHA MSDS
 - Other

Residuals and impurities considered in 0 of 1 materials

- see Section 2: Material Notes
- see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input type="radio"/>	<input checked="" type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	Yes	No

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

WAVEBLOK FC [LIMESTONE; CALCIUM CARBONATE **LT-UNK** 1-OCTENE, POLYMER WITH ETHENE **LT-UNK** WHITE MINERAL OIL **LT-UNK** CARBON BLACK **LT-1** | CAN FATTY ACIDS, STEARIC ACID **UNK** POLYESTER **NoGS**]

Number of Greenscreen BM-4/BM3 contents..... 0
 Contents highest concern GreenScreen Benchmark or List translator Score..... LT-1
 Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.0, and discloses hazards associated with all substances present per OSHA MSDS. We have worked closely with our suppliers to ensure the least toxic ingredients are chosen while maintaining required performance characteristics. WaveBlok FC contains no VOC's. Substances that have not been screened by the Priority Hazards List have been researched by the supplier for potential health hazards.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

No certifications have been added to this HPD.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: July 29, 2017	EXPIRY DATE*: July 29, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: July 29, 2017	* or within 3 months of significant change in product contents

*See HPDC website for details



Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

WAVEBLOK FC

%: 100.0000

HPD URL:

Inventory Threshold: Per OSHA MSDS

Residuals Considered: No

Material Notes: Thermoplastic membrane comprised mainly of ethylene copolymer and limestone filler with a polyester fleece backing.

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: 71.0000 - 73.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Filler

1-OCTENE, POLYMER WITH ETHENE

ID: 26221-73-8

%: 22.0000 - 24.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Thermoplastic polymer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Ethylene Copolymer

WHITE MINERAL OIL

ID: 8042-47-5

%: 3.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Lubricant for extruding

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Process Oil

CARBON BLACK

ID: 1333-86-4

%: 0.0000 - 1.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Color agent, black

HAZARDS:		AGENCY(IES) WITH WARNINGS:	
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen	
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route	
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources	
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification	

SUBSTANCE NOTES: Color agent, black pellet

FATTY ACIDS, STEARIC ACID		ID: 68424-16-8		
%: 0.0000 - 1.0000	GS: UNK	RC: None	NANO: NO	ROLE: Extrusion process aid

HAZARDS:		AGENCY(IES) WITH WARNINGS:		
None Found		No warnings found on HPD Priority lists		

SUBSTANCE NOTES: Lubricant, Process Aid

POLYESTER		ID: 113669-95-7		
%: 0.0000 - 5.0000	GS: NoGS	RC: None	NANO: NO	ROLE: Polyester fleece, noise reduction or adhesion point

HAZARDS:		AGENCY(IES) WITH WARNINGS:		
None Found		No warnings found on HPD Priority lists		

SUBSTANCE NOTES: White, polyester fiber, style 911, with 3/16 inch loft. Weighs 0.92 ounce per square feet

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.

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.



WaveBlok FC is tested in accordance with these UL Assemblies:UL-U340,UL-U327,UL-U305,UL-U309,UL-U305,UL-U301,ULV311,UL-U376, UL-U340,UL-U327,UL-L528,UL-450,UL-V496,ULL521,UL-L518,UL-L550,UL-U528. WaveBlok FC passes fire and smoke testing ASTM E84, Class A, Rating when placed beneath a class 1 rated flooring surface. WaveBlok FC weighs 0.75 pounds per square feet and is 0.118 inches thick. WaveBlok FC has been tested in accordance with ASTM D3273-00 (2005) Standard Test Method for resistance to growth of mold on the surface of interior coatings in an environmental chamber, resulting in zero growth. Raw materials are checked and verified via certificate of analysis upon arrival to United Plastics to make sure they are within listed tolerances in the raw material's specifications. United Plastics Corporation is an ISO 9001: 2008 certified facility.



MANUFACTURER INFORMATION

MANUFACTURER: United Plastics Corporation

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KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet

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

Hazard Types

AQU Aquatic toxicity

GLO Global warming

PHY Physical Hazard (reactive)

CAN Cancer

MAM Mammalian/systemic/organ toxicity

REP Reproductive toxicity

DEV Developmental toxicity

MUL Multiple hazards

RES Respiratory sensitization

END Endocrine activity

NEU Neurotoxicity

SKI Skin sensitization/irritation/corrosivity

EYE Eye irritation/corrosivity

OZO Ozone depletion

LAN Land Toxicity

GEN Gene mutation

PBT Persistent Bioaccumulative Toxic

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

LT-P1 List Translator Possible Benchmark 1

BM-3 Benchmark 3 (use but still opportunity for improvement) BM-2
Benchmark 2 (use but search for safer substitutes)

LT-1 List Translator Likely Benchmark 1

BM-1 Benchmark 1 (avoid - chemical of high concern)

LT-UNK List Translator Benchmark Unknown (insufficient
information from List Translator lists to benchmark)

BM-U Benchmark Unspecified (insufficient data to benchmark)

UNK Unknown (no data on List Translator Lists)

Recycled Types

PreC Preconsumer (Post-Industrial)

PostC Postconsumer

Both Both Preconsumer and Postconsumer

Unk Inclusion of recycled content is unknown

None Does not include recycled content

Other

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer's self-declaration (First Party)

Independent Lab Manufacturer's self-declaration using results from an independent lab

Second Party Verification by trade association or other interested party

Third Party Verification by independent certifier

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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.