

HPD UNIQUE IDENTIFIER: 27959

CLASSIFICATION: 07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing

PRODUCT DESCRIPTION: Flex-Flash F is a spun-bonded polyester reinforcing fabric that is utilized as the standard reinforcing for the MM6125 membrane, encapsulated between coats of the membrane during application.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities	<i>All Substances Above the Threshold Indicated Are:</i> Characterized ☐ Yes ☒ Ex/SC ☒ Yes ☐ No <i>% weight and role provided for all substances.</i> Screened ☐ Yes ☒ Ex/SC ☒ Yes ☐ No <i>All substances screened using Priority Hazard Lists with results disclosed.</i> Identified ☐ Yes ☒ Ex/SC ☐ Yes ☒ No <i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i>
☐ Nested Materials Method	☐ 100 ppm	☐ Considered	
☒ Basic Method	☒ 1,000 ppm	☒ Partially Considered	
Threshold Disclosed Per	☐ Per GHS SDS	☐ Not Considered	
☐ Material	☐ Other	Explanation(s) provided for Residuals/Impurities?	
☒ Product		☒ 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

FLEX-FLASH F | **POLYETHYLENE TEREPHTHALATE (PET)** **LT-UNK**
UNDISCLOSED **BM-1** | END | CAN | RES | MUL | REP | SKI | EYE | MAM |
DEV **UNDISCLOSED** **NoGS** *DIMETHICONE (ALTERNATE CASRN IS 9006-65-9)* **LT-P1** | PBT]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

All substances meeting the threshold of 1,000 parts per million (ppm) in the product were screened and reported in this HPD. This HPD is therefore compliant to the LEED v4 and v4.1 credit " Building Product Disclosure and Optimization: Material Ingredient Reporting (Option 1)" under the "Material and Resources" category. There are no known residuals expected to be present in this material at or above the inventory threshold level reported. All listed hazards and warnings are only an indication of the potential effects on human health based on the presence of a substance in the product, not an assessment of the potential effects under normal conditions of use and exposure.

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: Self-Declared

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2022-03-24
☐ Yes	VERIFIER:	PUBLISHED DATE: 2022-03-31
☒ No	VERIFICATION #:	EXPIRY DATE: 2025-03-24

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

FLEX-FLASH F

PRODUCT THRESHOLD: 1000 ppmRESIDUALS AND IMPURITIES CONSIDERED: Partially

RESIDUALS AND IMPURITIES NOTES: There are no knwon residuals expected to be present in this material at or above the inventory threshold level reported.

OTHER PRODUCT NOTES:

POLYETHYLENE TEREPHTHALATE (PET)ID: 25038-59-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials LibraryHAZARD SCREENING DATE: 2022-03-24 0:35:33

%: 85.0000GS: LT-UNKRC: NoneNANO: NoSUBSTANCE ROLE: Textile component

HAZARD TYPEAGENCY AND LIST TITLESWARNINGS

None foundNo warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

UNDISCLOSEDID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials LibraryHAZARD SCREENING DATE: 2022-03-24 0:35:33

%: 15.0000GS: BM-1RC: NoneNANO: NoSUBSTANCE ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
END	ChemSec - SIN List	Endocrine Disruption
CAN	CA EPA - Prop 65	Carcinogen
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CAN	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
CAN	IARC	Group 2a - Agent is probably Carcinogenic to humans
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CAN	MAK	Carcinogen Group 5 - Genotoxic carcinogen with very slight risk under MAK/BAT levels
END	EU - Priority Endocrine Disruptors	Category 1 - In vivo evidence of Endocrine Disruption Activity
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1A]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
DEV	EU - GHS (H-Statements) Annex 6 Table 3-1	H361d - Suspected of damaging the unborn child [Reproductive toxicity - Category 2]
SUBSTANCE NOTES: The substance name and CAS number has been undisclosed to protect product's formulation		

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-24 0:35:34		
%: 0.0100 - 0.2000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Brightener
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found	No warnings found on HPD Priority Hazard Lists			
SUBSTANCE NOTES: The substance name and CAS number has been undisclosed to protect product's formulation				

DIMETHICONE (ALTERNATE CASRN IS 9006-65-9)

ID: 63148-62-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-24 0:35:34		
%: Impurity/Residual	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans
SUBSTANCE NOTES:		

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	Self-Declared		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2022-03-	EXPIRY DATE:	CERTIFIER OR LAB: Self-Declared
APPLICABLE FACILITIES: All	24		
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: VOC Emissions data is not applicable for this product category (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.

No accessories are required for this product.

Section 5: General Notes

MANUFACTURER INFORMATION

MANUFACTURER: American Hydrotech, Inc.
ADDRESS: 541 N Fairbanks Ct
Chicago IL 60611, United States
WEBSITE: www.HydrotechUSA.com

CONTACT NAME: John Hamati
TITLE: Technical Representative
PHONE: 312-337-4998
EMAIL: JHamati@HydrotechUSA.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

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

LAN Land toxicity

MAM Mammalian/systemic/organ toxicity

MUL Multiple

NEU Neurotoxicity

NF Not found on Priority Hazard Lists

OZO Ozone depletion

PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or reactive)

REP Reproductive

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

UNK Unknown

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement)

BM-2 Benchmark 2 (use but search for safer substitutes)

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)

LT-1 List Translator 1 (Likely Benchmark-1)

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.)

NoGS No GreenScreen.

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.