

HPD UNIQUE IDENTIFIER: 27834

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

PRODUCT DESCRIPTION: Highly modified, single component, 100% solids, hot, fluid-applied rubberized asphalt used for both roofing and waterproofing applications - roof and plaza decks, foundation walls, tunnels, etc.

## Section 1: Summary

## Nested Method / Product Threshold

### CONTENT INVENTORY

<p><b>Inventory Reporting Format</b></p> <p><input checked="" type="radio"/> Nested Materials Method</p> <p><input type="radio"/> Basic Method</p> <p><b>Threshold Disclosed Per</b></p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p><b>Threshold Level</b></p> <p><input type="radio"/> 100 ppm</p> <p><input checked="" type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p>	<p><b>Residuals/Impurities</b></p> <p><input type="radio"/> Considered</p> <p><input checked="" type="radio"/> Not Considered</p> <p><b>Explanation(s) provided for Residuals/Impurities?</b></p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p><i>All Substances Above the Threshold Indicated Are:</i></p> <p><b>Characterized</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>% weight and role provided for all substances.</i></p> <p><b>Screened</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>All substances screened using Priority Hazard Lists with results disclosed.</i></p> <p><b>Identified</b> <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><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></p>
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### 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**

**POLYMER MODIFIED ASPHALT CEMENT [ ASPHALT LT-1 | CAN**  
**SULFUR, PRECIPITATED (SULFUR) LT-UNK | SKI BENZENE,**  
**ETHENYL-, POLYMER WITH 1,3-BUTADIENE LT-UNK ] POST-**  
**CONSUMER RECYCLED FILLER [ UNDISCLOSED LT-UNK ]**  
**DISTILLATES, PETROLEUM, HYDROTREATED HEAVY NAPHTHENIC,**  
**RECYCLED OILS [ LUBRICATING OILS, PETROLEUM,**  
**HYDROTREATED SPENT LT-P1 | CAN ] STYRENE-BUTADIENE**  
**COPOLYMER [ BENZENE, ETHENYL-, POLYMER WITH 1,3-**  
**BUTADIENE LT-UNK ] RUBBER CRUMB [ NATURAL RUBBER LT-UNK**  
**| RES CARBON BLACK (POST-CONSUMER) BM-1 | CAN SILICA,**  
**AMORPHOUS (PRIMARY CASRN IS 7631-86-9) (SILICA,**  
**AMORPHOUS) BM-1 | CAN 1,3-BUTADIENE BM-1 | CAN | END | MUL |**  
**DEV | GEN | REP | PHY STYRENE BM-1 | END | CAN | RES | MUL | REP |**  
**SKI | EYE | MAM | DEV SULFUR (POST-CONSUMER) LT-UNK | SKI**  
**ZINC OXIDE BM-1 | END | RES | MUL | AQU DISTILLATES**  
**(PETROLEUM), HYDROTREATED (MILD) HEAVY NAPHTHENIC (9CI)**  
**LT-1 | CAN | PBT | MUL ]**

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 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. The hazards and warnings screening was done using Pharos software available online (Healthy Building Network).

### 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

VOC content: Self-Declared

Recycled content: UL Environmental Claim Validation - Recycled content

### 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: 2022-03-13

PUBLISHED DATE: 2022-03-15

EXPIRY DATE: 2025-03-13

## 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](http://www.hpd-collaborative.org/hpd-2-2-standard)

**POLYMER MODIFIED ASPHALT CEMENT**                      %: 40.0000 - 60.0000

PRODUCT THRESHOLD: 1000 ppm      RESIDUALS AND IMPURITIES CONSIDERED: No      MATERIAL TYPE: Other: Mixture of Geologically Derived Materials, Polymers and others.

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

OTHER MATERIAL NOTES:

**ASPHALT**

ID: 8052-42-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-13 11:40:19**%: **94.0000 - 100.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	CA EPA - Prop 65	Carcinogen
CAN	IARC	Group 2b - Possibly carcinogenic to humans

SUBSTANCE NOTES:

**SULFUR, PRECIPITATED (SULFUR)**

ID: 7704-34-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-13 11:40:22**%: **2.0000 - 6.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]

SUBSTANCE NOTES: Improves physical properties

**BENZENE, ETHENYL-, POLYMER WITH 1,3-BUTADIENE**

ID: 9003-55-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-13 11:40:23**%: **1.0000 - 10.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

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

SUBSTANCE NOTES: Improves physical properties

**POST-CONSUMER RECYCLED FILLER**%: **20.0000 - 40.0000**PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: **No** MATERIAL TYPE: Other: Undisclosed

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

OTHER MATERIAL NOTES:

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-13 11:40:19**%: **100.0000 - 100.0000** GS: **LT-UNK** RC: **PostC** NANO: **No** SUBSTANCE ROLE: **Filler**

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

**DISTILLATES, PETROLEUM, HYDROTREATED  
HEAVY NAPHTENIC, RECYCLED OILS**%: **7.0000 - 13.0000**

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES  
CONSIDERED: NoMATERIAL TYPE: Other: Mixture of Geologically  
Derived Material and Polymeric Material

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

OTHER MATERIAL NOTES:

**LUBRICATING OILS, PETROLEUM, HYDROTREATED SPENT**ID: **64742-58-1**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-13 11:40:18**%: **100.0000** GS: **LT-P1** RC: **PostC** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CAN

GHS - Australia

H350 - May cause cancer [Carcinogenicity - Category 1A  
or 1B]

SUBSTANCE NOTES:

**STYRENE-BUTADIENE COPOLYMER**%: **7.0000 - 13.0000**

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

MATERIAL TYPE: Polymeric Material

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

OTHER MATERIAL NOTES:

**BENZENE, ETHENYL-, POLYMER WITH 1,3-BUTADIENE**ID: **9003-55-8**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-13 11:40:18**%: **100.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

PRODUCT THRESHOLD:  
1000 ppm

RESIDUALS AND IMPURITIES  
CONSIDERED: No

MATERIAL TYPE: Other: Mixture of Geologically Derived Material  
and Polymers

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

OTHER MATERIAL NOTES:

### NATURAL RUBBER

ID: 9006-04-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-03-13 11:40:20

%: 15.0000 - 35.0000 GS: LT-UNK RC: PostC NANO: No SUBSTANCE ROLE: Plasticizer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES:

### CARBON BLACK (POST-CONSUMER)

ID: 1333-86-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-03-13 11:40:20

%: 5.0000 - 15.0000 GS: BM-1 RC: PostC NANO: No SUBSTANCE ROLE: Plasticizer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

SUBSTANCE NOTES:

### SILICA, AMORPHOUS (PRIMARY CASRN IS 7631-86-9) (SILICA, AMORPHOUS)

ID: 37241-25-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-03-13 11:40:21

%: 5.0000 - 15.0000 GS: BM-1 RC: PostC NANO: No SUBSTANCE ROLE: Plasticizer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]

SUBSTANCE NOTES:

### 1,3-BUTADIENE

ID: 106-99-0

%: **4.0000 - 15.0000**GS: **BM-1**RC: **PostC**NANO: **No**SUBSTANCE ROLE: **Plasticizer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	MAK	Carcinogen Group 1 - Substances that cause cancer in man
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	CA EPA - Prop 65	Carcinogen
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
DEV	CA EPA - Prop 65	Developmental toxicity
CAN	EU - REACH Annex XVII CMRs	Carcinogen Category 1 - Substances known to be Carcinogenic to man
GEN	EU - REACH Annex XVII CMRs	Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man
CAN	EU - Annex VI CMRs	Carcinogen Category 1A - Known human Carcinogen based on human evidence
GEN	EU - Annex VI CMRs	Mutagen - Category 1B
REP	CA EPA - Prop 65	Reproductive Toxicity - Female
REP	CA EPA - Prop 65	Reproductive Toxicity - Male
GEN	MAK	Germ Cell Mutagen 2
GEN	GHS - New Zealand	6.6A - Known or presumed human mutagens
CAN	GHS - New Zealand	6.7A - Known or presumed human carcinogens
CAN	US EPA - IRIS Carcinogens	(1999, 2005) Carcinogenic to humans
CAN	GHS - Australia	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
GEN	GHS - Japan	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1B]
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
GEN	GHS - Australia	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B]
CAN	GHS - Korea	H350 - May cause cancer [Carcinogenicity - Category 1]
GEN	GHS - Korea	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1]

CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
GEN	EU - GHS (H-Statements) Annex 6 Table 3-1	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B]
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H220 - Extremely flammable gas [Flammable gases - Category 1]

SUBSTANCE NOTES:

## STYRENE

ID: 100-42-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-13 11:40:22**

#: **4.0000 - 15.0000** GS: **BM-1** RC: **PostC** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

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:

## SULFUR (POST-CONSUMER)

ID: 7704-34-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-13 11:40:23**



%: 1.0000 - 4.0000

GS: LT-UNK

RC: PostC

NANO: No

SUBSTANCE ROLE: Plasticizer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]

SUBSTANCE NOTES:

### ZINC OXIDE

ID: 1314-13-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-03-13 11:40:24

%: 1.0000 - 4.0000

GS: BM-1

RC: PostC

NANO: No

SUBSTANCE ROLE: Plasticizer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]

SUBSTANCE NOTES:

### DISTILLATES (PETROLEUM), HYDROTREATED (MILD) HEAVY NAPHTHENIC (9CI)

ID: 64742-52-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-03-13 11:40:24

%: 0.1000 - 1.0000

GS: LT-1

RC: PostC

NANO: No

SUBSTANCE ROLE: Plasticizer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CAN	GHS - Australia	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]

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 APPLICABLE FACILITIES: All CERTIFICATE URL:	ISSUE DATE: 2022-03-14 EXPIRY DATE: CERTIFIER OR LAB: None
CERTIFICATION AND COMPLIANCE NOTES: VOC Emissions data is not applicable for this product category (exterior applied product)	
VOC CONTENT	Self-Declared
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: All CERTIFICATE URL:	ISSUE DATE: 2022-03-14 EXPIRY DATE: CERTIFIER OR LAB: Self-Declared
CERTIFICATION AND COMPLIANCE NOTES: MM6125® VOC Content = 0 g/L (contains no organic solvent)	
RECYCLED CONTENT	UL Environmental Claim Validation - Recycled content
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL:	ISSUE DATE: 2017-10-24 EXPIRY DATE: CERTIFIER OR LAB: UL
CERTIFICATION AND COMPLIANCE NOTES: 40% Recycled content	

## 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.*

<b>FLEX-FLASH F</b>	HPD URL: <a href="https://hpdrepository.hpd-collaborative.org/repository/HPDs/35_Flex_Flash_F.pdf">https://hpdrepository.hpd-collaborative.org/repository/HPDs/35_Flex_Flash_F.pdf</a>
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: 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.	
<b>HYDROFLEX 30</b>	HPD URL: <a href="https://hpdrepository.hpd-collaborative.org/repository/HPDs/35_Hydroflex_30.pdf">https://hpdrepository.hpd-collaborative.org/repository/HPDs/35_Hydroflex_30.pdf</a>
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Hydroflex 30 is a modified asphalt sheet good that is utilized as the primary mechanical protection for the MM6125® membrane, embedded in the top coat of membrane during application.	

## Section 5: General Notes

There are no residuals expected/known to be present in this material at the above-reported inventory threshold levels.

An Environmental Product Declaration (EPD) was developed for this product and approved by CSA Group. This document is valid until March 11, 2023.

MM6125 is produced with 40% PostC recycled content. Through the manufacture of its products, Hydrotech thus contributes to the diversion of materials landfills. MM6125's recycled content claim was validated by Underwriter Laboratories (UL).

**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**

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

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-UNK</b> 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.)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	
<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)	<b>NoGS</b> 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.*