

HPD UNIQUE IDENTIFIER: 1636984832

CLASSIFICATION: 07 14 00 Fluid-Applied Waterproofing

PRODUCT TYPE: Accessories (Waterproofing)

PRODUCT DESCRIPTION: Bituthene® Liquid Membrane is a two component, elastomeric, cold applied, trowel grade material designed for a variety of uses with the GCP waterproofing systems. Bituthene® Liquid Membrane is ideally suited for the following uses: Fillet material at inside corners, Reinforcement material at inside corners, Flashing material around drains, protrusions, curbs and parapets, Sealing material at terminations, Repair material for defects on concrete surfaces, Flashing material at corners The two parts of Bituthene Liquid Membrane are mixed on site and troweled on to provide a simple and quick waterproofing detailing aid in conjunction with Bituthene, Preprufe® and Procor® systems

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	
☐ Nested Materials Method ☒ Basic Method	☒ 100 ppm ☐ 1,000 ppm ☐ Per GHS SDS ☐ Other	☒ Completed ☐ Partially Completed ☐ Not Completed	For all contents above the threshold, the manufacturer has: Characterized ☒ Yes ☐ No Provided weight and role. Screened ☒ Yes ☐ No Provided screening results using HPDC-approved methods. Identified ☐ Yes ☒ No Provided name and CAS RN or other identifier.
Threshold Disclosed Per		Explanation(s) provided :	
☐ Material ☒ 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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE
GCP BITUTHENE LIQUID MEMBRANE PART A [DISTILLATE AROMATIC EXTRACT LT-1 | CAN | MUL | DEV ASPHALT LT-1 | CAN | MAM | GEN UNDISCLOSED LT-UNK SILICA, AMORPHOUS (PRIMARY CASRN IS 7631-86-9) BM-1 | CAN | MAM UNDISCLOSED LT-UNK EYE POLYDIMETHYLSILOXY PEG/PPG-24/19 BUTYL ETHER SILSESQUIOXANE NoGS QUARTZ (PRIMARY CASRN IS 14808-60-7) BM-1 * | CAN | MAM | GEN CASTER OILS-GLYCERINE-SUCCINIC ACID COPOLYMER NoGS]

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-1, BM-1
Nanomaterial ... No
INVENTORY AND SCREENING NOTES:
Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 100 ppm] threshold to act as antimicrobials.

All materials have been screened through the HPD Builder tool at the 100 ppm threshold. All residuals and impurities have been considered and noted when applicable.

*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. For this reason, this score is intentionally omitted from the "Contents highest concern" line above. See HPDC's Special Conditions policy for more information.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT
Material (g/l): 5 Regulatory (g/l): 100
Does the product contain exempt VOCs: No
Are colorants available that do not increase the VOC content of the base paint when tinted: N/A

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.
VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario
VOC content: EPA Method 24 - Volatile Matter Content (EPA 24)

CONSISTENCY WITH OTHER PROGRAMS
Pre-checked for LEED v4 Option 1.

Third Party Verified?

☐ Yes

☒ No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2024-10-25

PUBLISHED DATE: 2024-10-25

EXPIRY DATE: 2027-10-25

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

OTHER PRODUCT NOTES: The raw material range is based on content percent from a range of manufacturing locations as well as ranges from alternate raw material suppliers.

ID: 64742-04-7

HAZARD SCREENING DATE: 2024-10-25 11:58:05

GreenScreen: **LT-1**RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Solvent**

LIST NAME AND SOURCE

WARNINGS

EU - Annex VI CMRs

Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

ChemSec - SIN List

CMR - Carcinogen, Mutagen &/or Reproductive Toxicant

GHS - Australia

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

EU - GHS (H-Statements) Annex 6 Table 3-1

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

GHS - Australia

H361d - Suspected of damaging the unborn child
[Reproductive toxicity - Category 2]

EU - REACH Annex XVII CMRs

Carcinogens: Category 1B

LIST NAME AND SOURCE

NOTIFICATION

Cradle to Cradle Products Innovation Institute
(C2CP II)

C2C Certified v4.0 Product Standard Restricted
Substances List (RSL) - Effective July 1, 2022

Children's Products

Cradle to Cradle Products Innovation Institute
(C2CP II)

C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022

Formulated Consumer Products

SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations and batch quality parameters as well as ranges from alternate suppliers.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-25 11:58:06	
%: 22.0000 - 23.5000	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Water resistance
HAZARD TYPE	LIST NAME AND SOURCE	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		
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]		
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]		
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]		
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations and batch quality parameters as well as ranges from alternate suppliers.				

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-25 11:58:06	
%: 20.5000 - 21.5000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations and batch quality parameters as well as ranges from alternate suppliers.				

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

ID: 37241-25-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-25 11:58:07	
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%: 10.0000 - 12.0000		GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		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]		
MAM	GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]		
MAM	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]		
MAM	GHS - Australia		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Green Science Policy Institute (GSPI)		GSPI - Six Classes Precautionary List		
			Antimicrobials		
SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations and batch quality parameters as well as ranges from alternate suppliers.					

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-25 11:58:07		
%: 5.7500 - 6.5000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Emulsifier	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
EYE	GHS - New Zealand		Eye irritation category 2		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Green Science Policy Institute (GSPI)		GSPI - Six Classes Precautionary List		
			Some Solvents		
SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations and batch quality parameters as well as ranges from alternate suppliers.					

POLYDIMETHYLSILOXY PEG/PPG-24/19 BUTYL ETHER
SILSESQUIOXANE

ID: 68554-65-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-25 11:58:06		
%: 5.0000 - 6.0000		GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Defoamer

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations and batch quality parameters as well as ranges from alternate suppliers.		

QUARTZ (PRIMARY CASRN IS 14808-60-7)

ID: 87347-84-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-10-25 11:58:07

%: 0.0400 - 0.0800

GreenScreen: **BM-1**

RC: **None**

NANO: **Unknown**

SUBSTANCE ROLE: **Impurity/Residual**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen**
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route**
CAN	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)**
CAN	MAK	Carcinogen Group 1 - Substances that cause cancer in man**
CAN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources**
CAN	IARC	Group 1 - Agent is Carcinogenic to humans**
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen**
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]**
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]**
CAN	GHS - New Zealand	Carcinogenicity category 1**
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]**
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]**
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]**
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1**

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Quartz is a natural component of amorphous silica and meets the form specific hazard exemption within the HPD open standard. This is non-hazardous material within this liquid.

****Form-Specific Hazard:** This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

CASTER OILS-GLYCERINE-SUCCINIC ACID COPOLYMER

ID: 160476-09-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2024-10-25 11:58:07
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?: 0.0500 - 0.0800	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Activator
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HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
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None found		No warnings found on HPD Priority Hazard Lists
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ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
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None found		No listings found on Additional Hazard Lists
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SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations and batch quality parameters as well as ranges from alternate suppliers.

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	CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2019-02-04 00:00:00	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: Cambridge MA	EXPIRY DATE:	
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES: Date Issued: February 28, 2019 Product ID #: 1000606254-2065795 Test Report #: 1000606254-2065795		

VOC CONTENT	EPA Method 24 - Volatile Matter Content (EPA 24)	
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2024-08-08 00:00:00	CERTIFIER OR LAB: Self Certified
APPLICABLE FACILITIES: Cambridge, MA	EXPIRY DATE:	
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES: Product tested internally by analytical department under EPA Method 24 - Volatile Matter Content protocol.		

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

All GCP products should be handled and installed per the requirements of the manufacturers SDS.

For complete Safety and EHS information on any and all GCP Bituthene Liquid Membrane Products please see https://gcpat.com/sites/gcpat.com/files/2017-07/GCP0083_BIT-230-1216_Liquid-Membrane_DS_Hi-res.pdf

Transparency documentation can be found at <https://saintgobain.ecomedes.com/>

MANUFACTURER INFORMATION

MANUFACTURER: **Saint Gobain**
ADDRESS: **6051 W 65th Street**
Bedford Park, IL 60638
COUNTRY: **United States**

WEBSITE: **<https://gcpat.com>**
CONTACT NAME: **Iltaz Alam**
TITLE: **Product Manager**
PHONE: **1-866-333-3726**
EMAIL: **customersolutions.na@gcpat.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-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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

