

HPD UNIQUE IDENTIFIER: 427845921792

**CLASSIFICATION:** 07 14 16 Cold Fluid-Applied Waterproofing

**PRODUCT DESCRIPTION:** COLPHENE LM BARR is a single-component, liquid-applied, moisture curing elastomeric STPE waterproofing membrane. COLPHENE LM BARR forms a continuous and elastic adhesion to the substrate that withstands extreme temperatures without cracking or softening. COLPHENE LM BARR is an ideal positive-side waterproofing solution for sealing foundations and between concrete slabs, equipment wells and in other underground applications. It can also be used in above-grade applications, such as waterproofing of plaza decks or planter boxes.

## Section 1: Summary

## Basic Method / Product Threshold

## CONTENT INVENTORY

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

COLPHENE LM BARR [ CALCIUM CARBONATE BM-3 STPE  
POLYMER LT-UNK UNDISCLOSED LT-UNK ASPHALT Not Screened  
SOYBEAN OIL, ME ESTER Not Screened UNDISCLOSED Not  
Screened UNDISCLOSED Not Screened VINYLTRIMETHOXYSILANE  
BM-1tp AMINOETHYL-AMINOPROPYL-TRIMETHOXYSILANE LT-UNK  
BIS(2-ETHYLHEXYL) TEREPHTHALATE BM-3dg UNDISCLOSED BM-2  
DIOCTYL TIN OXIDE Not Screened CARBON BLACK Not Screened\*  
UNDISCLOSED Not Screened UNDISCLOSED Not Screened  
UNDISCLOSED Not Screened HYDROGEN SULFIDE Not Screened ]

Number of Greenscreen BM-4/BM3 contents ... 2

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ...  
None

Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:**

No substance other than those listed in this HPD have been added to the finished product during its manufacturing. Several substances remain undisclosed to protect proprietary information. For the same reason, ranges were given for percentages of each substance. This product does not include any LBC Red List substance (whether disclosed or undisclosed).

\*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 (q/l): 46.5 Regulatory (q/l): 46.5

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 - Not tested

VOC content: MAS Certified Green - VOC Content

### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2023-09-18
<input type="radio"/> Yes	VERIFIER:	PUBLISHED DATE: 2023-10-04
<input checked="" type="radio"/> No	VERIFICATION #:	EXPIRY DATE: 2026-09-18

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 2.3, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-3-standard](http://www.hpd-collaborative.org/hpd-2-3-standard)

COLPHENE LM BARR

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals or impurities were considered and are indicated when above 100 ppm level.

OTHER PRODUCT NOTES: The precise composition of the product was not disclosed to protect proprietary information; ranges were given.

CALCIUM CARBONATE

ID: 471-34-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: Not Screened	
%: 27.0000 - 32.0000	GreenScreen: BM-3	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
	Hazard Screening not performed			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
	Additional Hazard Screening not performed			
SUBSTANCE NOTES:				

STPE POLYMER

ID: 75009-88-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: Not Screened	
%: 20.0000 - 25.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
	Hazard Screening not performed			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
	Additional Hazard Screening not performed			
SUBSTANCE NOTES:				

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: Not Screened	
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%: 15.0000 - 17.0000GreenScreen: LT-UNKRC: NoneNANO: NoSUBSTANCE ROLE: Filler

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
	Hazard Screening not performed	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
	Additional Hazard Screening not performed	
SUBSTANCE NOTES: Identity of this substance not disclosed to protect proprietary information.		

ASPHALTID: 8052-42-4

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>			HAZARD SCREENING DATE: <b>Not Screened</b>	
%: <b>10.0000 - 15.0000</b>	GreenScreen: <b>Not Screened</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Water resistance</b>
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
	Hazard Screening not performed			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
	Additional Hazard Screening not performed			
SUBSTANCE NOTES:				

SOYBEAN OIL, ME ESTERID: 67784-80-9

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>			HAZARD SCREENING DATE: <b>Not Screened</b>	
%: <b>9.0000 - 12.0000</b>	GreenScreen: <b>Not Screened</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Diluent</b>
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
	Hazard Screening not performed			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
	Additional Hazard Screening not performed			
SUBSTANCE NOTES:				

UNDISCLOSEDID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: Not Screened		
%: 5.0000 - 10.0000	GreenScreen: Not Screened	RC: None	NANO: No	SUBSTANCE ROLE: Tackifier

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
	Hazard Screening not performed	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
	Additional Hazard Screening not performed	
SUBSTANCE NOTES: This substance is used as a tackifier in this product. Its identity is not disclosed to protect proprietary information. Impacts of this substance are however considered.		

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: Not Screened	
%: 2.0000 - 5.0000	GreenScreen: Not Screened	RC: None	NANO: No	SUBSTANCE ROLE: Dispersant
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
	Hazard Screening not performed			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
	Additional Hazard Screening not performed			
SUBSTANCE NOTES: This substance is used as a dispersant and its identity has been withheld to protect confidential information.				

VINYLTRIMETHOXYSILANE				ID: 2768-02-7
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: Not Screened	
%: 1.0000 - 3.0000	GreenScreen: BM-1tp	RC: None	NANO: No	SUBSTANCE ROLE: Scavenger
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
	Hazard Screening not performed			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
	Additional Hazard Screening not performed			
SUBSTANCE NOTES:				

AMINOETHYL-AMINOPROPYL-TRIMETHOXYSILANE		ID: 1760-24-3		
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: Not Screened		
%: 1.0000 - 3.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
	Hazard Screening not performed	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
	Additional Hazard Screening not performed	
SUBSTANCE NOTES:		

BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>			HAZARD SCREENING DATE: <b>Not Screened</b>	
%: <b>0.1000 - 1.0000</b>	GreenScreen: <b>BM-3dg</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Plasticizer</b>
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
	Hazard Screening not performed			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
	Additional Hazard Screening not performed			
SUBSTANCE NOTES:				

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE:  Pharos Chemical and Materials Library				HAZARD SCREENING DATE:  Not Screened	
%: 0.1000 - 1.0000		GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Viscosity modifier
HAZARD TYPE	LIST NAME AND SOURCE			WARNINGS	
		Hazard Screening not performed			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE			NOTIFICATION	
		Additional Hazard Screening not performed			
SUBSTANCE NOTES: Identity of this substance not disclosed to protect proprietary information.					

DIOCTYL TIN OXIDE

ID: 870-08-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: Not Screened		
%: 0.1000 - 1.0000	GreenScreen: Not Screened	RC: None	NANO: No	SUBSTANCE ROLE: Catalyst
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
	Hazard Screening not performed			

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
Additional Hazard Screening not performed		
SUBSTANCE NOTES:		

CARBON BLACK

ID: 1333-86-4

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>Not Screened</b>		
%: <b>0.1000 - 1.0000</b>	GreenScreen: <b>Not Screened</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
Hazard Screening not performed				
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
Additional Hazard Screening not performed				
SUBSTANCE NOTES: <b>**Form-Specific Hazard:</b> 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.				

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>Not Screened</b>		
%: <b>0.1000 - 1.0000</b>	GreenScreen: <b>Not Screened</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Viscosity modifier</b>
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
Hazard Screening not performed				
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
Additional Hazard Screening not performed				
SUBSTANCE NOTES: This rheology modifier is used as an additive in the product. Its identity has been withheld to protect proprietary information. Its impacts were considered.				

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library				HAZARD SCREENING DATE: Not Screened	
%: Impurity/Residual	GreenScreen: Not Screened		RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
Hazard Screening not performed					

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
Additional Hazard Screening not performed		
SUBSTANCE NOTES: This substance is an impurity possibly found in the silane-based adhesion promoter.		

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: Not Screened	
%: Impurity/Residual	GreenScreen: Not Screened	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
	Hazard Screening not performed			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
	Additional Hazard Screening not performed			
SUBSTANCE NOTES: This substance is an impurity possibly found in the STPE polymer.				

HYDROGEN SULFIDE				ID: 7783-06-4
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: Not Screened	
%: Impurity/Residual	GreenScreen: Not Screened	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
	Hazard Screening not performed			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
	Additional Hazard Screening not performed			
SUBSTANCE NOTES: Hydrogen sulfide is a potential impurity found in asphalt.				

## 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 - Not tested
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2022-11-25	CERTIFIER OR LAB: None
APPLICABLE FACILITIES: Schoolcraft, MI	EXPIRY DATE:	
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES: N/A - This product is an exterior product therefore is not to be tested for VOC emissions.		

  

VOC CONTENT		MAS Certified Green - VOC Content
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2012-03-26	CERTIFIER OR LAB: None
APPLICABLE FACILITIES: Schoolcraft, MI	EXPIRY DATE:	
CERTIFICATE URL: <a href="https://soprema.us/wp-content/uploads/2020/09/sopraseallm204vpsds_9.13.18.pdf">https://soprema.us/wp-content/uploads/2020/09/sopraseallm204vpsds_9.13.18.pdf</a>		
CERTIFICATION AND COMPLIANCE NOTES:		

## 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>SOPRASEAL SEALANT</b>
MANUFACTURER (OR GENERIC): SOPREMA
HPD URL: No HPD Available
ACCESSORY TYPE: Installation Accessory
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: SOPRASEAL SEALANT can be used in conjunction with COLPHENE LM BARR to seal around penetrations and other details.

## Section 5: General Notes

Several substances remain undisclosed to protect proprietary information. For the same reason, ranges were given for percentages of each substance.

This product does not include any LBC Red List substance (whether disclosed or undisclosed).



## MANUFACTURER INFORMATION

**MANUFACTURER:** Soprema  
**ADDRESS:** Quadral Drive  
Wadsworth, Ohio 44281  
**COUNTRY:** États-Unis  
**LATITUDE:** -81.7610000  
**LONGITUDE:** 41.0194000

**WEBSITE:** [www.soprema.us](http://www.soprema.us)  
**CONTACT NAME:** Jean-François Côté  
**TITLE:** Director, Standards and Scientific Affairs  
**PHONE:** 877-626-6688 x114211  
**EMAIL:** [jfcote@soprema.ca](mailto:jfcote@soprema.ca)

*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-P1</b> List Translator Possible 1 (Possible Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> No GreenScreen.
<b>BM-U</b> 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](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

### Recycled Types

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

### Other Terms:

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

### Inventory Methods:

<b>Nested Method / Material Threshold</b> Substances listed within each material per threshold indicated per material
<b>Nested Method / Product Threshold</b> Substances listed within each material per threshold indicated per product
<b>Basic Method / Product Threshold</b> 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.*