

HPD UNIQUE IDENTIFIER: 1370033152

CLASSIFICATION: N/A

PRODUCT DESCRIPTION: CETSEAL is a multi-purpose, single component polyether moisture cure sealant/adhesive. CETSEAL is a low VOC, 100% solids, non-shrinking product with excellent UV resistance. NA

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

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

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

CETSEAL | **LIMESTONE; CALCIUM CARBONATE** BM-3dg | **SILYL-TERMINATED POLYETHER** NoGS | **UNDISCLOSED** NoGS | **UNDISCLOSED** Not Screened | **1,2-ETHANEDIAMINE, N-(3-(TRIMETHOXSILYL)PROPYL)-(9CI)** LT-UNK | **AQU** | **SILANE** LT-UNK | **MAM** | **EYE** | **SKI** | **PHY** | **UNDISCLOSED** Not Screened | **DIPROPYLHEPTYL PHTHALATE (DPHP)** BM-U | **CAN** |

Number of Greenscreen BM-4/BM3 contents ... 1

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Proprietary ingredients are generically identified.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 21-36Regulatory (g/l): N/A

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: N/A

VOC content: N/A

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2024-05-15
☐ Yes	VERIFIER:	PUBLISHED DATE: 2024-05-15
☒ No	VERIFICATION #:	EXPIRY DATE: 2027-05-15

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

CETSEAL

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

RESIDUALS AND IMPURITIES NOTES: Residuals/Impurities not considered.

OTHER PRODUCT NOTES: NA

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-05-15 10:33:53

%: 15.0000 - 50.0000

GreenScreen: BM-3dg

RC: None

NANO: No

SUBSTANCE ROLE: Filler

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: NA

SILYL-TERMINATED POLYETHER

ID: 205265-06-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-05-15 10:33:53

%: 10.0000 - 40.0000

GreenScreen: NoGS

RC: None

NANO: No

SUBSTANCE ROLE: Polymer species

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: NA

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-05-15 10:33:53

%: 0.0000 - 30.0000		GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Plasticizer
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: Proprietary ingredient. No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS. Not on the Living Building Challenge™ (LBC) Red List Chemical Guide (Version 3.1).					

UNDISCLOSED				ID: Undisclosed	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: Not Screened		
%: 3.0000 - 10.0000	GreenScreen: Not Screened	RC: None	NANO: No	SUBSTANCE ROLE: Pigment	
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: Proprietary ingredient. No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS. Not on the Living Building Challenge™ (LBC) Red List Chemical Guide (Version 3.1).					

1,2-ETHANEDIAMINE, N-(3-(TRIMETHOXYSILYL)PROPYL)-(9CI)				ID: 1760-24-3	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-05-15 10:33:53		
%: 3.0000 - 5.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
AQU	GHS - New Zealand		Hazardous to the aquatic environment - chronic category 3		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: No additional substance notes to add into this section at this time.					

SILANE		ID: 7803-62-5	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-05-15 10:33:54	

%: 0.5000 - 3.0000		GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Desiccant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MAM	GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]		
EYE	GHS - New Zealand		Eye irritation category 2		
SKI	GHS - Japan		H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]		
PHY	GHS - Japan		H220 - Extremely flammable gas [Flammable gases - Category 1]		
EYE	GHS - Japan		H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]		
PHY	GHS - New Zealand		Flammable gas category 1A, pyrophoric gas		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found		No listings found on Additional Hazard Lists			
SUBSTANCE NOTES:					

UNDISCLOSED

ID: **Undisclosed**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: Not Screened		
%: 0.1000 - 2.0000	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: Proprietary ingredient. No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS. Not on the Living Building Challenge™ (LBC) Red List Chemical Guide (Version 3.1).					

DIPROPYLHEPTYL PHTHALATE (DPHP)

ID: **53306-54-0**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-05-15 10:33:54		
%: 0.0000 - 0.3000		GreenScreen: BM-U	RC: None	NANO: No	SUBSTANCE ROLE: Plasticizer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Bisphenols and Phthalates
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2024 Red List substances to avoid in Living Building Challenge V4.0 projects

SUBSTANCE NOTES: CETSEAL does contain a very small amount, approximately 0.3% by weight, of bis(2-propylheptyl) phthalate (DPHP), (CAS No) 53306-54-0 which belongs to the C10 class of plasticizers. When compared to other phthalate ester plasticizers, DPHP is significantly less volatile, and offers very low migration for stable long-term performance. It was one of the first plasticizers registered under the European chemicals regulation REACH, and is non-classified, meaning it is not a CMR (carcinogenic, mutagenic or toxic to reproduction) classified phthalate.

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	N/A	
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2019-01-01 00:00:00	CERTIFIER OR LAB: N/A
APPLICABLE FACILITIES: N/A	EXPIRY DATE:	
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES:		

VOC CONTENT	N/A	
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2019-01-01 00:00:00	CERTIFIER OR LAB: N/A
APPLICABLE FACILITIES: N/A	EXPIRY DATE:	
CERTIFICATE URL:		
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.

No accessories are required for this product.

Section 5: General Notes

Install according to manufacturer's guidelines.

MANUFACTURER INFORMATION

MANUFACTURER: **CETCO**
ADDRESS: **2870 Forbs Avenue**
Hoffman Estates, IL 60192
COUNTRY: **USA**

WEBSITE: **<http://www.cetco.com/en-us/>**
CONTACT NAME: **Stacy Byrd**
TITLE: **Technical Services Director**
PHONE: **(847) 851-1800**
EMAIL: **Tech.Services@MineralsTech.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

