

CLASSIFICATION: 03 35 00.00 CONCRETE: CONCRETE FINISHING

created via: HPDC Online Builder

PRODUCT DESCRIPTION: CONSOLIDECK® POLISHGUARD IS A DURABLE, PROTECTIVE COATING THAT DRAMATICALLY INCREASES THE STAIN RESISTANCE OF INTERIOR CONCRETE FLOORS.

**Section 1: Summary**

**CONTENT INVENTORY**

- Threshold per material
- 100 ppm
  - 1,000 ppm
  - Per GHS SDS
  - Per OSHA MSDS
  - Other

- Residuals and impurities considered in 1 of 1 materials
- see Section 2: Material Notes
  - see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	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**

CONSOLIDECK® POLISHGUARD [ WATER **BM-4** 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH N-(1,1-DIMETHYL-3-OXOBUTYL)-2-PROPENAMIDE AND 2-ETHYLHEXYL 2-PROPENOATE **UNK** SODIUM HYDROXIDE **LT-P1** | SKI | PHY BENZENESULFONIC ACID, HEXADECYL(SULFOPHENOXY)-, DISODIUM SALT **NoGS** 1,4-DIISOBUTYL-1,4-DIMETHYLBUTYNEEDIOL **LT-UNK** 1,2-BENZISOTHIAZOLIN-3-ONE (BIT) **LT-P1** | MAM | SKI | EYE | AQU | MUL ?HEXANEDIOIC ACID, DIHYDRAZIDE **NoGS** DECANEDIOIC ACID, BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) ESTER; **LT-P1** | PBT | MUL DIPROPYLENE GLYCOL **LT-UNK** DIPROPYLENE GLYCOL N-BUTYL ETHER (DPNB) **LT-UNK** ETHYLENE GLYCOL **BM-1** | MAM | DEV | END METHYL METHACRYLATE **LT-UNK** | SKI | RES | PHY METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE **LT-P1** | MUL PHOSPHORIC ACID **LT-P1** | SKI METHYLOXIRANE POLYMER WITH OXIRANE MONOBUTYL ESTER **LT-UNK** (ETHOXYLATED TRIDECYL ALCOHOL) PHOSPHATE **LT-P1** | MUL 1-PHENOXY-2-PROPANOL **LT-UNK** ]

Number of Greenscreen BM-4/BM3 contents..... 1  
Contents highest concern GreenScreen Benchmark or List translator Score..... BM-1  
Nanomaterial..... No

**INVENTORY AND SCREENING NOTES:**

Product contents including residuals are as reported by raw material suppliers on MSDS, SDS, Technical Data, sell sheets, web literature and QC/QA documents, to 1000 ppm in the final product. PolishGuard is also Declare labeled and LBC Compliant.

**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

Material (g/l): Regulatory (g/l): 100 maximum  
Does the product contain exempt VOCs: No  
Are ultra-low VOC tints available: N/A

**CERTIFICATIONS AND COMPLIANCE**

VOC emissions: SCS-IAQ-01606\_2017 (SCS Indoor Advantage Gold)  
See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: May 12, 2017	EXPIRY DATE*: May 12, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: May 12, 2017	* or within 3 months of significant change in product contents

\*See HPDC website for details



## Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: [www.hpd-collaborative.org](http://www.hpd-collaborative.org) and [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org).

### CONSOLIDECK® POLISHGUARD %: 100.0000 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: Yes

Material Notes:

#### WATER

ID: 7732-18-5

%: 60.0000 - 90.0000 GS: BM-4 RC: None NANO: NO ROLE: Carrier Solvent

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH N-(1,1-DIMETHYL-3-OXOBUTYL)-2-PROPENAMIDE AND 2-ETHYLHEXYL 2-PROPENOATE ID: 106006-89-7

%: 5.0000 - 20.0000 GS: UNK RC: None NANO: NO ROLE: Polymer

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### SODIUM HYDROXIDE

ID: 1310-73-2

%: 0.1000 - 1.0000 GS: LT-P1 RC: None NANO: NO ROLE: pH modifier

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION EU - R-phrases R35 - Causes severe burns

SKIN IRRITATION EU - GHS (H-Statements) H314 - Causes severe skin burns and eye damage

PHYSICAL HAZARD (REACTIVE) Korea - GHS H290: May be corrosive to metals

SUBSTANCE NOTES:

%: 0.1000 - 1.0000	GS: NoGS	RC: None	NANO: NO	ROLE: Unknown
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**HAZARDS:**

None Found

**AGENCY(IES) WITH WARNINGS:**

No warnings found on HPD Priority lists

## SUBSTANCE NOTES:

**1,4-DIISOBUTYL-1,4-DIMETHYLBUTYNEEDIOL**

ID: 126-86-3

%: 0.1000 - 1.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Unknown
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**HAZARDS:**

None Found

**AGENCY(IES) WITH WARNINGS:**

No warnings found on HPD Priority lists

## SUBSTANCE NOTES:

**1,2-BENZISOTHIAZOLIN-3-ONE (BIT)**

ID: 2634-33-5

%: 0.1000 - 1.0000	GS: LT-P1	RC: None	NANO: NO	ROLE: In-can preservative
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**HAZARDS:**

MAMMALIAN

EU - R-phrases

R22 - Harmful if Swallowed

SKIN IRRITATION

EU - R-phrases

R38 - Irritating to skin

EYE IRRITATION

EU - R-phrases

R41 - Risk of serious damage to eyes

SKIN SENSITIZE

EU - R-phrases

R43 - May cause sensitization by skin contact

ACUTE AQUATIC

EU - R-phrases

R50 - Very Toxic to Aquatic Organisms

ACUTE AQUATIC

EU - GHS (H-Statements)

H400 - Very toxic to aquatic life

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

EYE IRRITATION

EU - GHS (H-Statements)

H318 - Causes serious eye damage

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SKIN SENSITIZE

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

## SUBSTANCE NOTES:

?HEXANEDIOIC ACID, DIHYDRAZIDE

ID: 1071-93-8

%: 0.1000 - 1.0000 GS: NoGS RC: None NANO: NO ROLE: Unknown

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

DECANEDIOIC ACID, BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) ESTER;

ID: 41556-26-7

%: 0.1000 - 1.0000 GS: LT-P1 RC: None NANO: NO ROLE: Stabilizer

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

PBT

EC - CEPA DSL

Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES:

DIPROPYLENE GLYCOL

ID: 25265-71-8

%: 0.1000 - 1.0000 GS: LT-UNK RC: None NANO: NO ROLE: Carrier solvent

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

DIPROPYLENE GLYCOL N-BUTYL ETHER (DPNB)

ID: 29911-28-2

%: 0.1000 - 1.0000 GS: LT-UNK RC: None NANO: NO ROLE: Carrier solvent

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

ETHYLENE GLYCOL

ID: 107-21-1

%: 0.1000 - 1.0000 GS: BM-1 RC: None NANO: NO ROLE: Unknown

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

## SUBSTANCE NOTES:

**METHYL METHACRYLATE**

ID: 80-62-6

%: 0.1000 - 1.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Unknown
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
RESPIRATORY	AOEC - Asthmagens	Asthmagens (Rs) - sensitizer-induced
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour

## SUBSTANCE NOTES:

**METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE**

ID: 82919-37-7

%: 0.1000 - 1.0000	GS: LT-P1	RC: None	NANO: NO	ROLE: Stabilizer
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
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## SUBSTANCE NOTES:

**PHOSPHORIC ACID**

ID: 7664-38-2

%: 0.1000 - 1.0000	GS: LT-P1	RC: None	NANO: NO	ROLE: pH modifier
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

SKIN IRRITATION

EU - R-phrases

R34 - Causes burns

SKIN IRRITATION

EU - GHS (H-Statements)

H314 - Causes severe skin burns and eye damage

SUBSTANCE NOTES:

METHYLOXIRANE POLYMER WITH OXIRANE MONOBUTYL ESTER

ID: 9038-95-3

%: 0.1000 - 1.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Unknown

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

(ETHOXYLATED TRIDECYL ALCOHOL) PHOSPHATE

ID: 9046-01-9

%: 0.1000 - 1.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Unknown

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES:

1-PHENOXY-2-PROPANOL

ID: 770-35-4

%: 0.1000 - 1.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Carrier solvent

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

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****SCS-IAQ-01606\_2017 (SCS Indoor Advantage Gold)**

CERTIFYING PARTY: Third Party  
APPLICABLE FACILITIES: Lawrence, Kansas. This is PROSOCO's sole production facility.  
CERTIFICATE URL:  
[https://www.scscertified.com/products/cert\\_pdfs/PROSOCO\\_2017\\_SCS-IAQ-01606\\_s2.pdf](https://www.scscertified.com/products/cert_pdfs/PROSOCO_2017_SCS-IAQ-01606_s2.pdf)  
CERTIFICATION AND COMPLIANCE NOTES:

ISSUE	EXPIRY	CERTIFIER OR
DATE:	DATE: 2017-	LAB: SCS Global
2017-01-	12-31	Services
01		

## 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.

## Section 5: General Notes

PROSOCO has reviewed the chemical content of this product and obtained supplier affidavits to verify conformance with the Living Building Challenge v3.0 Materials Petal Red List. This product does not contain intentionally added chemicals present on the Red List.



## MANUFACTURER INFORMATION

MANUFACTURER: Prosoco, Inc.

CONTACT NAME: Dwayne Fuhlhage

ADDRESS: 3741 Greenway Circle  
Lawrence, Kansas 66046  
United States

TITLE: Sustainability and Environment Director

PHONE: 7858307300

WEBSITE: <https://www.prosoco.com/products/consolideck-polishguard> EMAIL: [dwayne.fuhlhage@prosoco.com](mailto:dwayne.fuhlhage@prosoco.com)

## KEY

**OSHA MSDS** Occupational Safety and Health Administration Material Safety Data Sheet

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

### Hazard Types

**AQU** Aquatic toxicity

**GLO** Global warming

**PHY** Physical Hazard (reactive)

**CAN** Cancer

**MAM** Mammalian/systemic/organ toxicity

**REP** Reproductive toxicity

**DEV** Developmental toxicity

**MUL** Multiple hazards

**RES** Respiratory sensitization

**END** Endocrine activity

**NEU** Neurotoxicity

**SKI** Skin sensitization/irritation/corrosivity

**EYE** Eye irritation/corrosivity

**OZO** Ozone depletion

**LAN** Land Toxicity

**GEN** Gene mutation

**PBT** Persistent Bioaccumulative Toxic

**NF** Not found on Priority Hazard Lists

### GreenScreen (GS)

**BM-4** Benchmark 4 (prefer-safer chemical)

**LT-P1** List Translator Possible Benchmark 1

**BM-3** Benchmark 3 (use but still opportunity for improvement) BM-2  
Benchmark 2 (use but search for safer substitutes)

**LT-1** List Translator Likely Benchmark 1

**BM-1** Benchmark 1 (avoid - chemical of high concern)

**LT-UNK** List Translator Benchmark Unknown (insufficient  
information from List Translator lists to benchmark)

**BM-U** Benchmark Unspecified (insufficient data to benchmark)

**UNK** Unknown (no data on List Translator Lists)

### Recycled Types

**PreC** Preconsumer (Post-Industrial)

**PostC** Postconsumer

**Both** Both Preconsumer and Postconsumer

**Unk** Inclusion of recycled content is unknown

**None** Does not include recycled content

### Other

**Nano** Composed of nanoscale particles or nanotechnology

### Declaration Level

**Self-declared** Manufacturer's self-declaration (First Party)

**Independent Lab** Manufacturer's self-declaration using results from an independent lab

**Second Party** Verification by trade association or other interested party

**Third Party** Verification by independent certifier

**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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.