

CLASSIFICATION: 07 19 00, 07 19 19, 09 96 23

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PRODUCT DESCRIPTION: SURE KLEAN® WEATHER SEAL BLOK-GUARD® & GRAFFITI CONTROL II IS A CLEAR-DRYING, WATER-BASED SILICONE EMULSION FOR WEATHERPROOFING CONCRETE BLOCK AND OTHER POROUS MASONRY MATERIALS.

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.

Number of Greenscreen BM-4/BM3 contents..... 1
 Contents highest concern GreenScreen Benchmark or List translator Score..... LT-P1
 Nanomaterial..... No

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

BLOK-GUARD® & GRAFFITI CONTROL II [**WATER** **BM-4** **SILICIC ACID**, **DIETHOXYOCTYLSILYL TRIMETHYLSILYL ESTER** **UNK** **SILOXANES AND SILICONES**, **DI-ME, HYDROXY-TERMINATED** **BM-2** **TRIETHOXYOCTYLSILANE** **LT-UNK** **SILOXANES AND SILICONES, DI-ME, POLYMERS WITH 3-[(2-AMINOETHYL)AMINO]PROPYL SILSESQUIOXANES, HYDROXY-TERMINATED** **LT-UNK** **DODECYL ALCOHOL, ETHOXYLATED** **LT-P1** | **MUL**]

INVENTORY AND SCREENING NOTES:

Material Notes: This disclosure includes 99.93% of known ingredients at the 1,000 ppm threshold. Exact ingredient percentages withheld as Prosoco's Intellectual Property.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): <20 Regulatory (g/l):
 Does the product contain exempt VOCs: No
 Are ultra-low VOC tints available: N/A

CERTIFICATIONS AND COMPLIANCE

No certifications have been added to this HPD.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: May 9, 2017	EXPIRY DATE*: May 9, 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 and www.greenscreenchemicals.org.

BLOK-GUARD® & GRAFFITI CONTROL II %: 100.0000 HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes:

WATER

ID: 7732-18-5

%: 90.0000 - 95.0000

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:

SILICIC ACID, DIETHOXYOCTYLSILYL TRIMETHYLSILYL ESTER

ID: 216689-57-5

%: 3.0000 - 7.0000

GS: UNK

RC: None

NANO: NO

ROLE: Functional reactive water repellent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED

ID: 70131-67-8

%: 1.0000 - 5.0000

GS: BM-2

RC: None

NANO: NO

ROLE: Functional reactive water repellent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

TRIETHOXYOCTYLSILANE

ID: 2943-75-1

%: 1.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Functional reactive water repellent

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

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

SILOXANES AND SILICONES, DI-ME, POLYMERS WITH 3-[(2-AMINOETHYL)AMINO]PROPYL SILSESQUIOXANES, HYDROXY-TERMINATED

ID: 68554-54-1

%: 0.1000 - 1.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Functional
reactive water repellent**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

DODECYL ALCOHOL, ETHOXYLATED

ID: 9002-92-0

%: Impurity/Residual

GS: LT-P1

RC: None

NANO: NO

ROLE: Impurity/Residual

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

MULTIPLE

German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES: Unintentional and nonfunctional ingredient as a component of a raw material. The aquatic toxicity GreenScreen Benchmark 1 warnings are not relevant in the use pattern as the product is applied to concrete or masonry substrates

**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.

**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**

This product is classified as a Low Solids Coating in regulatory systems incorporated by reference in LEED 2009, LEED v4, CALGreen, IgCC, ICC-700 and in all related building codes. The regulatory category limit is 120 g/L as calculated or measured with inclusion of water as the carrier solvent. This product is generally for exterior use and does not require CDPH Standard method v1.1-2010 (CA 01350) testing for conformance to LEED 2009 Healthcare exterior or LEED v4 Healthcare or Schools exterior EQ credit.



MANUFACTURER INFORMATION

MANUFACTURER: Prosoco, Inc.

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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.