

CLASSIFICATION: 09 90 00

PRODUCT DESCRIPTION: This HPD covers Water-based varnishes by SamaN. It covers Mat, Satin, Semi-gloss and Gloss water-based varnishes. Interior water-based varnish with aluminum oxide for all wood surfaces. Offers resistance, self-leveling formula, and non-yellowing.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

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

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No
% weight and role provided for all substances.

Screened Yes Ex/SC Yes No
All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No
One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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

WATER-BASED VARNISH [**UNDISCLOSED** **BM-4** **2-PROPENOIC ACID, 2-METHYL-, 2-(DIETHYLAMINO)ETHYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE AND METHYL 2-METHYL-2-PROPENOATE** **NoGS** **STYRENE, METHYL METHACRYLATE, METHACRYLIC ACID, 2-ETHYLHEXYL ACRYLATE POLYMER** **NoGS** **HEXANEDIOIC ACID, POLYMER WITH 2,2-DIMETHYL-1,3-PROPANEDIOL, 1,6-HEXANEDIOL, HYDRAZINE, 3-HYDROXY-2-(HYDROXYMETHYL)-2-METHYLPROPANOIC ACID AND 1,1'-METHYLENEBIS[4-ISOCYANATOCYCLOHEXANE], COMPD. WITH N,N-DIETHYLETHANAMINE** **LT-UNK** **N-METHYLPYRROLIDONE** **BM-1** | DEL | REP | SKI | EYE | MUL | END **2,2'-ETHYLENEDIOXYDIETHYL BIS(2-ETHYLHEXANOATE)** **LT-UNK** **BUTOXYPROPANOL** **LT-UNK** | SKI | EYE **DIPROPYLENE GLYCOL MONOMETHYL ETHER** **LT-UNK** **POLY(OXY-1,2-ETHANEDIYL), ALPHA-(3-CARBOXY-1-OXOSULFOPROPYL)-OMEGA-HYDROXY-, C10-12-ALKYL ETHERS, DISODIUM SALTS** **NoGS** **(C10-C16) ALKYLALCOHOL SULFURIC ACID, SODIUM SALT** **LT-P1** | MUL **TRIETHYLAMINE** **LT-UNK** | PHY | SKI **CERAMIC MATERIALS AND WARES, CHEMICALS** **LT-P1** | MUL **UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **NoGS** **POLY(OXY-1,2-ETHANEDIYL), ALPHA-(3-(1,3,3,3-TETRAMETHYL-1-((TRIMETHYLSILYL)OXY)-1-DISILOXANYL)PROPYL)-OMEGA-HYDROXY-** **NoGS** **DIOCTYL SODIUM SULFOSUCCINATE** **LT-P1** | MUL **UNDISCLOSED** **BM-2** **1-PROPANOL-2-BUTOXY** **NoGS** **UNDISCLOSED** **LT-P1** | EYE | END **UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **LT-P1** | MUL **UNDISCLOSED** **LT-P1** | MUL **UNDISCLOSED** **NoGS** **UNDISCLOSED** **LT-UNK** **AMMONIUM HYDROXIDE** **LT-P1** | RES | AQU | SKI | MUL **UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **LT-P1** | MUL **UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **BM-2** | CAN **SILICA, AMORPHOUS** **BM-1** | CAN **FUMED SILICA, CRYSTALLINE-FREE** **BM-1** | CAN]

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:

The content inventory includes substances protected by NDAs between the preparer and suppliers, therefore entered as proprietary data in the HPD.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 221

Regulatory (g/l): 221

Does the product contain exempt VOCs: No

Are ultra-low VOC tints available: N/A

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Not Tested

VOC content: CDPH Standard Method V1.2 (Section 01350/CHPS) - Not Tested

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
 No

PREPARER: **Vertima**

VERIFIER:

VERIFICATION #:

SCREENING DATE: **2020-04-29**PUBLISHED DATE: **2020-04-29**EXPIRY DATE: **2023-04-29**



Section 2: Content in Descending Order of Quantity

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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

WATER-BASED VARNISH

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities have been considered and requested from suppliers. Residuals such as monomers (styrene CAS#100-42-5, methyl methacrylate CAS#80-62-6, butyl acrylate CAS#141-32-2) may be present below the disclosure threshold.

OTHER PRODUCT NOTES: The water-based varnish composition encompasses different shines (mat, satin, semi-gloss and gloss) which introduces ranges in the content inventory.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-29

#: 59.19 - 64.96

GS: BM-4

RC: None

NANO: No

ROLE: solvent

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Please refer to product notes.

2-PROPENOIC ACID, 2-METHYL-, 2-(DIETHYLAMINO)ETHYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE AND METHYL 2-METHYL-2-PROPENOATE

ID: 36731-52-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-29

#: 13.08 - 14.22

GS: NoGS

RC: None

NANO: No

ROLE: polymer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Please refer to product notes

STYRENE, METHYL METHACRYLATE, METHACRYLIC ACID, 2-ETHYLHEXYL ACRYLATE POLYMER

ID: 28377-44-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-29

%: 13.08 - 14.22

GS: NoGS

RC: None

NANO: No

ROLE: polymer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Please refer to product notes.

HEXANEDIOIC ACID, POLYMER WITH 2,2-DIMETHYL-1,3-PROPANEDIOL, 1,6-HEXANEDIOL, HYDRAZINE, 3-HYDROXY-2-(HYDROXYMETHYL)-2-METHYLPROPANOIC ACID AND 1,1'-METHYLENEBIS[4-ISOCYANATOCYCLOHEXANE], COMPD. WITH N,N-DIETHYLETHANAMINE

ID: 125826-44-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-29**

%: 10.17 - 10.91

GS: LT-UNK

RC:

NANO:

ROLE:

None

No

polymer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Please refer to product notes.

N-METHYLPYRROLIDONE

ID: 872-50-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-29**

%: 2.39 - 2.73

GS: BM-1

RC: **None**

NANO: **No**

ROLE: **ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Candidate list
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Prioritized for listing
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
DEVELOPMENTAL	EU - GHS (H-Statements)	H360D - May damage the unborn child
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - ongoing chemical (risk) assessment
REPRODUCTIVE	GHS - Korea	Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]
REPRODUCTIVE	GHS - New Zealand	6.8A - Known or presumed human reproductive or developmental toxicants
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1A [H360]
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
DEVELOPMENTAL	GHS - Australia	H360D - May damage the unborn child

SUBSTANCE NOTES: Please refer to product notes.

2,2'-ETHYLENEDIOXYDIETHYL BIS(2-ETHYLHEXANOATE)

ID: 94-28-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-29**

#: **1.95 - 2.07**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Please refer to product notes.

BUTOXYPROPANOL

ID: 5131-66-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-29**

#: **1.81 - 2.14**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation

SUBSTANCE NOTES: Please refer to product notes.

DIPROPYLENE GLYCOL MONOMETHYL ETHER

ID: 34590-94-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-29

#: 1.81 - 2.14 GS: LT-UNK RC: None NANO: No ROLE: ingredient

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Please refer to product notes.

POLY(OXY-1,2-ETHANEDIYL), ALPHA-(3-CARBOXY-1-OXOSULFOPROPYL)-OMEGA-HYDROXY-, C10-12-ALKYL ETHERS, DISODIUM SALTS

ID: 68954-91-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-29

#: 0.34 - 0.36 GS: NoGS RC: None NANO: No ROLE: surfactant

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Please refer to product notes.

(C10-C16) ALKYLALCOHOL SULFURIC ACID, SODIUM SALT

ID: 68585-47-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-29

#: 0.34 - 0.36 GS: LT-P1 RC: None NANO: No ROLE: surfactant

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Please refer to product notes.

TRIETHYLAMINE

ID: 121-44-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-29

%: **0.30 - 0.61** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage

SUBSTANCE NOTES: Please refer to product notes.

CERAMIC MATERIALS AND WARES, CHEMICALS

ID: 66402-68-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-04-29**

%: **0.27 - 1.35** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES: Ceramic microspheres. Please refer to product notes.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-04-29**

%: **0.21 - 0.21** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **active substance**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Please refer to product notes.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-04-29**

%: **0.14 - 0.18** GS: **NoGS** RC: **None** NANO: **No** ROLE: **ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Please refer to product notes.

POLY(OXY-1,2-ETHANEDIYL), ALPHA-(3-(1,3,3,3-TETRAMETHYL-1-((TRIMETHYLSILYL)OXY)-1-DISILOXANYL)PROPYL)-OMEGA-HYDROXY-

ID: 67674-67-3

%: **0.14 - 0.29**GS: **NoGS**RC: **None**NANO: **No**ROLE: **surfactant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **Please refer to product notes.****DIOCTYL SODIUM SULFOSUCCINATE**ID: **577-11-7**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-04-29**%: **0.12 - 0.19**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE**German FEA - Substances Hazardous to Waters****Class 2 - Hazard to Waters**SUBSTANCE NOTES: **Please refer to product notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-04-29**%: **0.11 - 0.13**GS: **BM-2**RC: **None**NANO: **No**ROLE: **ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **Please refer to product notes.****1-PROPANOL-2-BUTOXY**ID: **15821-83-7**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-04-29**%: **0.10 - 0.21**GS: **NoGS**RC: **None**NANO: **No**ROLE: **ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **Please refer to product notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-04-29**

#: **0.10 - 0.15** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: **Please refer to product notes.**

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-04-29**

#: **0.08 - 0.13** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Please refer to product notes.**

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-04-29**

#: **0.02 - 0.03** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: **Please refer to product notes.**

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-04-29**

#: **0.01 - 0.08** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: **Please refer to product notes.**

UNDISCLOSED

%: **0.01 - 0.08**GS: **NoGS**RC: **None**NANO: **No**ROLE: **ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **Please refer to product notes.****UNDISCLOSED**%: **0.01 - 0.08**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **Please refer to product notes.****AMMONIUM HYDROXIDE**ID: **1336-21-6**%: **0.00 - 0.18**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **neutralizer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY**AOEC - Asthmagens****Asthmagen (Rs) - sensitizer-induced****RESPIRATORY****AOEC - Asthmagens****Asthmagen (Rr&Rs) - irritant-induced & sensitizer-induced****ACUTE AQUATIC****EU - GHS (H-Statements)****H400 - Very toxic to aquatic life****SKIN IRRITATION****EU - GHS (H-Statements)****H314 - Causes severe skin burns and eye damage****MULTIPLE****German FEA - Substances Hazardous to Waters****Class 2 - Hazard to Waters**SUBSTANCE NOTES: **Please refer to product notes.****UNDISCLOSED**%: **0.00 - 0.65**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **active substance**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **Please refer to product notes.**

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-04-29**%: **0.00 - 0.12**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE**German FEA - Substances Hazardous to Waters****Class 2 - Hazard to Waters**SUBSTANCE NOTES: **Please refer to product notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-04-29**%: **0.00 - 0.41**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **Please refer to product notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-04-29**%: **0.00 - 0.06**GS: **BM-2**RC: **None**NANO: **No**ROLE: **ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER**MAK****Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels**SUBSTANCE NOTES: **Please refer to product notes.****SILICA, AMORPHOUS**ID: **7631-86-9**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-04-29**%: **0.00 - 1.34**GS: **BM-1**RC: **None**NANO: **No**ROLE: **Filler pigment**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER**GHS - Japan****Carcinogenicity - Category 1A [H350]****CANCER****GHS - Australia****H350i - May cause cancer by inhalation**

SUBSTANCE NOTES: Please refer to product notes.

FUMED SILICA, CRYSTALLINE-FREE

ID: 112945-52-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-29**

?: **0.00 - 0.10**

GS: **BM-1**

RC: **None**

NANO: **No**

ROLE: **ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

GHS - Japan

Carcinogenicity - Category 1A [H350]

CANCER

GHS - Australia

H350i - May cause cancer by inhalation

SUBSTANCE NOTES: Please refer to product 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

CDPH Standard Method V1.2 (Section 01350/CHPS) - Not Tested

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2019-**

EXPIRY DATE:

CERTIFIER OR LAB: -

APPLICABLE FACILITIES: -

12-19

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

VOC CONTENT

CDPH Standard Method V1.2 (Section 01350/CHPS) - Not Tested

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2019-**

EXPIRY DATE:

CERTIFIER OR LAB: -

APPLICABLE FACILITIES: -

12-19

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

For more information, please refer to SamaN's website: <https://www.saman.ca/en/products>



MANUFACTURER INFORMATION

MANUFACTURER: **SamaN**

ADDRESS: **660 rue du filtre**

Victoriaville QC G6T 0T6, Canada

WEBSITE: **www.saman.ca**

CONTACT NAME: **Alain St-Cyr**

TITLE: **President**

PHONE: **1-800-692-3662**

EMAIL: **customerservice@saman.ca**

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

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

MAM Mammalian/systemic/organ toxicity

MUL Multiple hazards

NEU Neurotoxicity

OZO Ozone depletion

PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)

REP Reproductive toxicity

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

LAN Land Toxicity

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement)

BM-2 Benchmark 2 (use but search for safer substitutes)

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

BM-U Benchmark Unspecified (insufficient data to benchmark)

LT-P1 List Translator Possible Benchmark 1

LT-1 List Translator Likely Benchmark 1

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

NoGS 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 Terms

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 for compliance with the HPD standard noted.