

CLASSIFICATION: 09 72 16 Vinyl-Coated Fabric Wall Coverings

PRODUCT DESCRIPTION: The product is for Fabric-backed commercial vinyl wallcoverings.

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

Are All Substances Above the Threshold Indicated:

Characterized Yes No

Percent Weight and Role Provided?

Screened Yes No

Using Priority Hazard Lists with Results Disclosed?

Identified Yes No

Name and Identifier Provided?

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

COMMERCIAL VINYL WALLCOVERINGS [UNDISCLOSED CHEMICAL #1
LT-UNK POLYVINYL CHLORIDE (PVC) LT-P1 | RES UNDISCLOSED
CHEMICAL #2 LT-UNK UNDISCLOSED CHEMICAL #3 BM-3 BIS(2-
ETHYLHEXYL) TEREPHTHALATE BM-3 POLYETHYLENE
TEREPHTHALATE (PET) LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END
POLYVINYL FLUORIDE LT-UNK EPOXIDIZED SOYBEAN OIL LT-UNK
UNDISCLOSED CHEMICAL #4 LT-UNK | EYE | PHY UNDISCLOSED
CHEMICAL #5 LT-UNK UNDISCLOSED CHEMICAL #6 LT-UNK | EYE | PHY
UNDISCLOSED CHEMICAL #7 LT-UNK | CAN CALCIUM HYDROXIDE LT-P1
ZINC STEARATE LT-P1 ACETIC ACID ETHENYL ESTER, POLYMER WITH
CHLOROETHENE AND ETHENOL LT-UNK ACETIC ACID ETHENYL ESTER,
POLYMER WITH CHLOROETHENE AND ETHENOL LT-UNK BENZOIC
ACID, 2-[[1-[[[2,3-DIHYDRO-2-OXO- 1H-BENZIMIDAZOL-5-
YL)AMINO]CARBONYL]-2-OXOPROPYL]AZO]- LT-UNK MICA LT-UNK
UNDISCLOSED CHEMICAL #8 NoGS UNDISCLOSED CHEMICAL #9 LT-
UNK UNDISCLOSED CHEMICAL #10 BM-3 UNDISCLOSED CHEMICAL #11
LT-UNK | SKI | RES | PHY UNDISCLOSED CHEMICAL #12 LT-P1 | CAN
UNDISCLOSED CHEMICAL #13 NoGS UNDISCLOSED CHEMICAL #14 BM-
2 | RES UNDISCLOSED CHEMICAL #15 LT-P1 | RES UNDISCLOSED
CHEMICAL #16 LT-UNK UNDISCLOSED CHEMICAL #17 BM-2 | CAN
UNDISCLOSED CHEMICAL #18 LT-1 | CAN UNDISCLOSED CHEMICAL #19
BM-2 UNDISCLOSED CHEMICAL #20 LT-P1 | MUL UNDISCLOSED
CHEMICAL #21 LT-UNK UNDISCLOSED CHEMICAL #22 LT-UNK
UNDISCLOSED CHEMICAL #23 NoGS UNDISCLOSED CHEMICAL #24 LT-1
| CAN | GEN | UNDISCLOSED CHEMICAL #25 LT-UNK UNDISCLOSED
CHEMICAL #26 LT-UNK UNDISCLOSED CHEMICAL #27 LT-P1 | MUL
UNDISCLOSED CHEMICAL #28 NoGS UNDISCLOSED CHEMICAL #29 LT-
UNK UNDISCLOSED CHEMICAL #30 LT-UNK UNDISCLOSED CHEMICAL
#31 BM-2 | MAM]

Number of Greenscreen BM-4/BM3 contents ... 3

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

All Undisclosed chemicals present in this HPD have been identified and screened by J. Josephson's HPD Third Party Preparer. Due to the confidentiality of some of the ingredients, per supplier proprietary disclosures, some of the chemical names and CAS#s were not able to be displayed on this HPD.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

No certifications have been added to this HPD.

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

Yes

No

PREPARER: **Self-Prepared**
VERIFIER: **SCS Global Services**
VERIFICATION #: **qGE-4991**

SCREENING DATE: **2018-03-08**
PUBLISHED DATE: **2018-05-25**
EXPIRY DATE: **2021-03-08**



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

COMMERCIAL VINYL WALLCOVERINGS

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: The manufacturer worked with a third party HPD Preparer to verify that all residual and impurities have been considered under this current HPD.

OTHER PRODUCT NOTES:

UNDISCLOSED CHEMICAL #1

ID: Not registered

%: 26.8700 - 27.5500	GS: LT-UNK	RC: None	NANO: No	ROLE: Structure
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: 22.0400 - 35.6400	GS: LT-P1	RC: None	NANO: No	ROLE: Structure
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

UNDISCLOSED CHEMICAL #2

ID: Not registered

%: 8.8900 - 8.8900	GS: LT-UNK	RC: None	NANO: No	ROLE: Structure
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #3ID: **Not registered**

%: 8.2700 - 8.6100	GS: BM-3	RC: None	NANO: No	ROLE: Structure
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

BIS(2-ETHYLHEXYL) TEREPHTHALATEID: **6422-86-2**

%: 6.6000 - 11.0000	GS: BM-3	RC: None	NANO: No	ROLE: Structure
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

POLYETHYLENE TEREPHTHALATE (PET)ID: **25038-59-9**

%: 4.0900 - 4.0900	GS: LT-UNK	RC: None	NANO: No	ROLE: Structure
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

TITANIUM DIOXIDEID: **13463-67-7**

%: 3.0100 - 9.1700	GS: LT-1	RC: None	NANO: No	ROLE: Colorant
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

CANCER

MAK

Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES:

POLYVINYL FLUORIDE

ID: 24981-14-4

%: 2.0000 - 2.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Structure
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

EPOXIDIZED SOYBEAN OIL

ID: 8013-07-8

%: 1.1700 - 2.9300	GS: LT-UNK	RC: None	NANO: No	ROLE: Structure
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

UNDISCLOSED CHEMICAL #4ID: **Not registered**

%: 1.1000 - 1.6400	GS: LT-UNK	RC: None	NANO: No	ROLE: Ink
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H225 - Highly flammable liquid and vapour

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #5ID: **Not registered**

%: 1.1000 - 1.1700	GS: LT-UNK	RC: None	NANO: No	ROLE: Structure
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #6ID: **Not registered**

%: 1.0300 - 2.7900	GS: LT-UNK	RC: None	NANO: No	ROLE: Ink
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #7

ID: **Not registered**

#: 0.7000 - 6.9000	GS: LT-UNK	RC: None	NANO: No	ROLE: Ink
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

CALCIUM HYDROXIDE

ID: **1305-62-0**

#: 0.4400 - 2.2000	GS: LT-P1	RC: None	NANO: No	ROLE: Structure
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES:

ZINC STEARATE

ID: **557-05-1**

#: 0.4000 - 2.2000	GS: LT-P1	RC: None	NANO: No	ROLE: Structure
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES:

ACETIC ACID ETHENYL ESTER, POLYMER WITH CHLOROETHENE AND ETHENOL

ID: **25086-48-0**

#: 0.2800 - 0.2800	GS: LT-UNK	RC: None	NANO: No	ROLE: Structure
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES:

ACETIC ACID ETHENYL ESTER, POLYMER WITH CHLOROETHENE AND ETHENOL

ID: 25086-48-0

%: **0.2800 - 0.2800** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

BENZOIC ACID, 2-[[1-[[[(2,3-DIHYDRO-2-OXO- 1H-BENZIMIDAZOL-5-YL)AMINO]CARBONYL]-2-OXOPROPYL]AZO]-

ID: 31837-42-0

%: **0.2300 - 0.2300** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ink**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

MICA

ID: 12001-26-2

%: **0.2200 - 0.3300** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ink**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

UNDISCLOSED CHEMICAL #8

ID: **Not registered**

%: **0.1600 - 0.1600** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #9

ID: **Not registered**

%: **0.1100 - 0.1100** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #10

ID: **Not registered**

#: **0.1100 - 0.1100** GS: **BM-3** RC: **None** NANO: **No** ROLE: **Ink**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #11

ID: **Not registered**

#: **0.1000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ink**

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

Asthmagen (Rs) - sensitizer-induced

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H225 - Highly flammable liquid and vapour

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

SKIN IRRITATION

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

RESPIRATORY

MAK

Sensitizing Substance Sa - Danger of airway sensitization

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #12

ID: **Not registered**

#: **0.0900 - 0.0900** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

Japan - GHS

Carcinogenicity - Category 1A

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #13

ID: **Not registered**

#: **0.0500 - 0.0500** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Ink**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #14

ID: **Not registered**

#: **0.0500 - 0.0500** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS: AGENCY(IES) WITH WARNINGS:

RESPIRATORY AOEC - Asthmagens Asthmagen (ARs) - sensitizer-induced - inhalable forms only

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #15

ID: **Not registered**

#: **0.0400 - 0.4400** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS: AGENCY(IES) WITH WARNINGS:

RESPIRATORY AOEC - Asthmagens Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #16

ID: **Not registered**

#: **0.0400 - 0.4400** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Colorant**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #17

ID: **Not registered**

#: **0.0400 - 0.4400** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Colorant**

HAZARDS: AGENCY(IES) WITH WARNINGS:

CANCER MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #18

ID: **Not registered**

#: **0.0400 - 0.4400** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Colorant**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

CANCER

CA EPA - Prop 65

Carcinogen (airborne particles of respirable size - occupational setting)

CANCER

IARC

Group 2b: Possibly carcinogenic to humans - inhaled from occupational sources

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #19

ID: **Not registered**

#: **0.0400 - 0.4400** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #20

ID: **Not registered**

#: **0.0400 - 0.4400** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Colorant**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESTRICTED LIST

German FEA - Substances Hazardous to Waters

Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #21

ID: **Not registered**

#: **0.0400 - 0.4400** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Colorant**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #22

ID: **Not registered**

#: **0.0300 - 0.0600** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Colorant**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #23

ID: **Not registered**

#: **0.0300 - 0.3400** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Colorant**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #24

ID: **Not registered**

#: **0.0300 - 0.1000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

EU - R-phrases

R45 - May cause cancer

GENE MUTATION

EU - R-phrases

R46 - May cause heritable genetic damage

MAMMALIAN

Australia - GHS

H304 - May be fatal if swallowed and enters airways

GENE MUTATION

EU - GHS (H-Statements)

H340 - May cause genetic defects

CANCER

EU - GHS (H-Statements)

H350i - May cause cancer by inhalation

CANCER

EU - Annex VI CMRs

Carcinogen Category 2 - Suspected human Carcinogen

GENE MUTATION

EU - REACH Annex XVII CMRs

Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man

CANCER

EU - Annex VI CMRs

Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

GENE MUTATION

EU - Annex VI CMRs

Mutagen - Category 1B

GENE MUTATION

Australia - GHS

H340 - May cause genetic defects

CANCER

Australia - GHS

H350 - May cause cancer

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #25

ID: **Not registered**

%: **0.0300 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #26

ID: **Not registered**

%: **0.0300 - 0.0300** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ink**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #27

ID: **Not registered**

%: **0.0200 - 0.0200** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Ink**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESTRICTED LIST

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #28

ID: **Not registered**

%: **0.0200 - 0.1000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Ink**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #29

ID: **Not registered**

#: 0.0200 - 0.0900

GS: LT-UNK

RC: None

NANO: No

ROLE: Ink

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #30

ID: **Not registered**

#: 0.0200 - 0.0700

GS: LT-UNK

RC: None

NANO: No

ROLE: Ink

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

UNDISCLOSED CHEMICAL #31

ID: **Not registered**

#: 0.0000 - 0.0300

GS: BM-2

RC: None

NANO: No

ROLE: Structure

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - R-phrases

R20 - Harmful by Inhalation (gas or vapor or dust/mist)

MAMMALIAN

EU - R-phrases

R22 - Harmful if Swallowed

SUBSTANCE NOTES: This chemical has been identified and screened by J. Josephson's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

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.

No accessories are required for this product.

Section 5: General Notes

All Undisclosed chemicals present in this HPD have been identified and screened by J. Josephson's HPD Third Party Preparer. Due to the confidentiality of some of the ingredients, per supplier proprietary disclosures, some of the chemical names and CAS#s were not able to be displayed on this HPD. The manufacturer worked with a third party HPD Preparer to verify that all residual and impurities have been considered under this current HPD.



MANUFACTURER INFORMATION

MANUFACTURER: **J. Josephson, Inc.**
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South Hackensack New Jersey 07606, USA
WEBSITE: **http://www.jjosephson.com/**

CONTACT NAME: **Kim Smith**
TITLE: **Quality Control & Technical Manager**
PHONE: **(201) 426-2697**
EMAIL: **ksmith@jjosephson.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)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient data to benchmark)	

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.