

**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** DIPROPYLHEPTYL PHTHALATE (DHP) **BM-U** | CAN POLYETHYLENE TEREPHTHALATE (PET) **LT-UNK** TITANIUM DIOXIDE **LT-1** | CAN | END POLYVINYL FLUORIDE **LT-UNK** CELLULOSE, MICROCRYSTALLINE **NoGS** EPOXIDIZED SOYBEAN OIL **LT-UNK** ETHYL ACETATE **LT-UNK** | EYE | PHY UNDISCLOSED CHEMICAL 4 **LT-UNK** | EYE | PHY UNDISCLOSED CHEMICAL 5 **LT-UNK** METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE (METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE) **LT-UNK** KAOLIN CLAY **LT-UNK** | CAN CALCIUM HYDROXIDE **LT-P1** ZINC STEARATE **LT-P1** UNDISCLOSED CHEMICAL 6 **LT-UNK** | EYE | PHY UNDISCLOSED CHEMICAL 7 **LT-UNK** | CAN 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 VINYL CHLORIDE-VINYL ACETATE COPOLYMERS **LT-UNK** 2-PROPENOIC ACID, 2-METHYL-, BUTYL ESTER, POLYMER WITH METHYL 2-METHYL-2-PROPENOATE **LT-UNK** 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 | MAM UNDISCLOSED CHEMICAL 25 **LT-UNK** UNDISCLOSED CHEMICAL 26 **LT-UNK** PIGMENT ORANGE 36 **LT-UNK** UNDISCLOSED CHEMICAL 27 **LT-P1** | MUL POLYETHYLENE **LT-UNK** UNDISCLOSED CHEMICAL 28 **NoGS** SILICA GEL **LT-UNK** UNDISCLOSED CHEMICAL 29 **LT-UNK** UNDISCLOSED CHEMICAL 30 **LT-UNK** UNDISCLOSED CHEMICAL 31 **BM-2** | MAM ]

Number of Greenscreen BM-4/BM3 contents..... 2  
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**

VOC Content data is not applicable for this product category.

**CERTIFICATIONS AND COMPLIANCE** *See Section 3 for additional listings.*

VOC emissions: CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario

**CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed

Third Party Verified?

Yes

No

PREPARER: Self-Prepared  
VERIFIER: SCS Global Services  
VERIFICATION #: qGE-4663

SCREENING DATE: 2017-08-24  
PUBLISHED DATE: 2018-02-05  
EXPIRY DATE: 2020-08-24

## 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](http://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: **Undisclosed**

#: **25.5740 - 26.3940** 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.

#### POLYVINYL CHLORIDE (PVC)

ID: **9002-86-2**

#: **22.0000 - 35.2000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

#### UNDISCLOSED CHEMICAL 2

ID: **Undisclosed**

#: **8.8920 - 8.8920** 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.

#: **8.2700 - 8.6100** GS: **BM-3** 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. The GreenScreen® Benchmark assessment score of BM-3 was provided through the HPD 2.1 Builder Tool.

**DIPROPYLHEPTYL PHTHALATE (DPHP)**

ID: **53306-54-0**

#: **6.6000 - 11.0000** GS: **BM-U** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
CANCER	MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: The GreenScreen® Benchmark assessment score of BM-U was provided through the HPD 2.1 Builder Tool

**POLYETHYLENE TEREPHTHALATE (PET)**

ID: **25038-59-9**

#: **4.0940 - 4.0940** 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:

**TITANIUM DIOXIDE**

ID: **13463-67-7**

#: **2.2330 - 8.3930** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Colorant**

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
ENDOCRINE	TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor
CANCER	MAK Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES:

**POLYVINYL FLUORIDE**

ID: 24981-14-4

%: <b>2.0000 - 2.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Structure</b>
---------------------------	-------------------	-----------------	-----------------	------------------------

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**CELLULOSE, MICROCRYSTALLINE**

ID: 9004-34-6

%: <b>1.2060 - 1.2060</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Structure</b>
---------------------------	-----------------	-----------------	-----------------	------------------------

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**EPOXIDIZED SOYBEAN OIL**

ID: 8013-07-8

%: <b>1.1440 - 2.9040</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Structure</b>
---------------------------	-------------------	-----------------	-----------------	------------------------

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**ETHYL ACETATE**

ID: 141-78-6

%: <b>1.1360 - 1.6400</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Ink</b>
---------------------------	-------------------	-----------------	-----------------	------------------

HAZARDS:

AGENCY(IES) WITH WARNINGS:

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H225 - Highly flammable liquid and vapour

SUBSTANCE NOTES:

**UNDISCLOSED CHEMICAL 4**ID: **Undisclosed**

%: <b>1.0980 - 1.5400</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Ink</b>
---------------------------	-------------------	-----------------	-----------------	------------------

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 5**

ID: **Undisclosed**

#: **0.5850 - 0.5850** 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.

**METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE (METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE)**

ID: **25852-37-3**

#: **0.4400 - 2.2000** 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:

**KAOLIN CLAY**

ID: **1332-58-7**

#: **0.4400 - 6.6000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
CANCER	MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES:

**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: Used interchangeably with zinc stearate (CAS #557-05-1)

**ZINC STEARATE**

ID: 557-05-1

%: **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: Used interchangeably with calcium hydroxide (CAS #1305-62-0)

**UNDISCLOSED CHEMICAL 6**ID: **Undisclosed**%: **0.3360 - 0.4980** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ink**

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: **Undisclosed**%: **0.3000 - 0.3000** 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.

**ACETIC ACID ETHENYL ESTER, POLYMER WITH CHLOROETHENE AND ETHENOL**

ID: 25086-48-0

%: **0.2810 - 0.2880** 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:

#: **0.2320 - 0.2320** 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

#: **0.2160 - 0.3110** 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: **Undisclosed**

#: **0.1570 - 0.1880** 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: **Undisclosed**

#: **0.1140 - 0.1140** 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: **Undisclosed**

#: **0.1120 - 0.1120** 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



**UNDISCLOSED CHEMICAL 11**

ID: **Undisclosed**

#: **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
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin 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: **Undisclosed**

#: **0.0920 - 0.0920** 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.

**VINYL CHLORIDE-VINYL ACETATE COPOLYMERS**

ID: **9003-22-9**

#: **0.0800 - 0.1160** 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:

**2-PROPENOIC ACID, 2-METHYL-, BUTYL ESTER, POLYMER WITH METHYL 2-METHYL-2-PROPENOATE**

ID: **25608-33-7**

#: **0.0550 - 0.2600** 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:

**UNDISCLOSED CHEMICAL 13**

ID: **Undisclosed**

#: **0.0540 - 0.0540** 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: **Undisclosed**

#: **0.0530 - 0.0530** 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. The GreenScreen Benchmark assessment score of BM-2 was provided through the HPD 2.1 Builder Tool.

**UNDISCLOSED CHEMICAL 15**

ID: **Undisclosed**

#: **0.0440 - 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: **Undisclosed**

#: **0.0440 - 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: **Undisclosed**

#: <b>0.0440 - 0.4400</b>	GS: <b>BM-2</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Colorant</b>
HAZARDS:		AGENCY(IES) WITH WARNINGS:		
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
<p>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. The GreenScreen® Benchmark assessment score of BM-2 was provided through the HPD 2.1 Builder Tool.</p>				

**UNDISCLOSED CHEMICAL 18**

ID: **Undisclosed**

#: <b>0.0440 - 0.4400</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Colorant</b>
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		
<p>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.</p>				

**UNDISCLOSED CHEMICAL 19**

ID: **Undisclosed**

#: <b>0.0440 - 0.4400</b>	GS: <b>BM-2</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Structure</b>
HAZARDS:		AGENCY(IES) WITH WARNINGS:		
None Found	No warnings found on HPD Priority lists			
<p>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. The GreenScreen Benchmark® assessment score of BM-2 was provided through the HPD 2.1 Builder Tool.</p>				

**UNDISCLOSED CHEMICAL 20**

ID: **Undisclosed**

#: <b>0.0440 - 0.4400</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Colorant</b>
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: **Undisclosed**

#: **0.0440 - 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: **Undisclosed**

#: **0.0400 - 0.0400** 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 23

ID: **Undisclosed**

#: **0.0340 - 0.3400** 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 24

ID: **Undisclosed**

#: **0.0340 - 0.1020** 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

EU - GHS (H-Statements)

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)

H350 - May cause cancer

CANCER

EU - REACH Annex XVII CMRs

Carcinogen Category 2 - Substances which should be regarded

as if they are Carcinogenic to man

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: **Undisclosed**

#: **0.0340 - 0.1020** 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: **Undisclosed**

#: **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.

#### PIGMENT ORANGE 36

ID: **12236-62-3**

#: **0.0240 - 0.2560** 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 27

ID: **Undisclosed**

#: **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.

**POLYETHYLENE**

ID: **9002-88-4**

#: **0.0160 - 0.0200**

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 28**

ID: **Undisclosed**

#: **0.0140 - 0.0140**

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.

**SILICA GEL**

ID: **112926-00-8**

#: **0.0120 - 0.0800**

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:

**UNDISCLOSED CHEMICAL 29**

ID: **Undisclosed**

#: **0.0100 - 0.0800**

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: **Undisclosed**%: **0.0100 - 0.0400**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: **Undisclosed**%: **0.0030 - 0.0340**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. The GreenScreen Benchmark® assessment score of BM-2 was provided through the HPD 2.1 Builder Tool.

**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 V1.1 (Section 01350/CHPS) - Classroom & Office scenario**CERTIFYING PARTY: **Self-declared**ISSUE DATE: **2017-05-**

EXPIRY DATE:

CERTIFIER OR LAB: **Berkeley**

APPLICABLE FACILITIES: **35 Horizon Blvd., South Hackensack, NJ 07606, USA**

**18****Analytical Lab**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: P3TEC complies with the CDPH Standard Method V1.1 for the School Classroom and Private Office scenarios. Berkeley Analytical completed a VOC Test certificate as an independent, accredited laboratory.

**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.

**MANUFACTURER INFORMATION**

MANUFACTURER: **J. Josephson, Inc.**  
ADDRESS: **35 Horizon Boulevard**  
**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](mailto: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**

<b>AQU</b> Aquatic toxicity	<b>GLO</b> Global warming	<b>PHY</b> Physical Hazard (reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive toxicity
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple hazards	<b>RES</b> Respiratory sensitization
<b>END</b> Endocrine activity	<b>NEU</b> Neurotoxicity	<b>SKI</b> Skin sensitization/irritation/corrosivity
<b>EYE</b> Eye irritation/corrosivity	<b>OZO</b> Ozone depletion	<b>LAN</b> Land Toxicity
<b>GEN</b> Gene mutation	<b>PBT</b> Persistent Bioaccumulative Toxic	<b>NF</b> Not found on Priority Hazard Lists

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible Benchmark 1
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator Likely Benchmark 1
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> Unknown (no data on List Translator Lists)
<b>BM-U</b> 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.*