

HPD UNIQUE IDENTIFIER: 22840

CLASSIFICATION: 09 72 16 Vinyl-Coated Fabric Wall Coverings

PRODUCT DESCRIPTION: P3TEC Advanced Wall Protection is designed for use in commercial interiors. P3TEC is engineered to withstand an impact force much greater than other wall protection and wall covering products. By retaining its unique physical flexibility upon impact P3TEC provides superior wall protection from carts and other moving objects. This HPD covers the assessment of P3TEC Advanced Wall Protection, which has design, texture, and color variations.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

<p><b>Inventory Reporting Format</b></p> <p><input type="radio"/> Nested Materials Method</p> <p><input checked="" type="radio"/> Basic Method</p> <p><b>Threshold Disclosed Per</b></p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p><b>Threshold level</b></p> <p><input checked="" type="radio"/> 100 ppm</p> <p><input type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p>	<p><b>Residuals/Impurities</b></p> <p><input checked="" type="radio"/> Considered</p> <p><input type="radio"/> Partially Considered</p> <p><input type="radio"/> Not Considered</p> <p><b>Explanation(s) provided for Residuals/Impurities?</b></p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p><i>All Substances Above the Threshold Indicated Are:</i></p> <p><b>Characterized</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>% weight and role provided for all substances.</i></p> <p><b>Screened</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>All substances screened using Priority Hazard Lists with results disclosed.</i></p> <p><b>Identified</b> <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i></p>
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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-3dg POLYETHYLENE TEREPHTHALATE (PET) LT-UNK **TITANIUM DIOXIDE** LT-1 | CAN | END **POLYVINYL FLUORIDE** LT-UNK **CELLULOSE, MICROCRYSTALLINE** LT-UNK | RES **EPOXIDIZED SOYBEAN OIL** LT-P1 **ETHYL ACETATE** LT-UNK | EYE | PHY **UNDISCLOSED CHEMICAL 4** LT-UNK | PHY | EYE **UNDISCLOSED CHEMICAL 5** LT-UNK **CALCIUM HYDROXIDE** LT-P1 **ZINC STEARATE** LT-P1 **DAKRIL 4B** LT-UNK **KAOLIN** LT-UNK | CAN **UNDISCLOSED CHEMICAL 6** LT-UNK | PHY | EYE **UNDISCLOSED CHEMICAL 7** LT-UNK | CAN **POLYESTER** NoGS **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-P1 | RES | PHY | SKI | END **UNDISCLOSED CHEMICAL 12** BM-1 | CAN **PEVIKON (VINYL CHLORIDE-VINYL ACETATE COPOLYMERS)** LT-UNK **SULFIX 6** LT-UNK **UNDISCLOSED CHEMICAL 13** LT-UNK **UNDISCLOSED CHEMICAL 14** BM-2 **UNDISCLOSED CHEMICAL 15** LT-P1 | RES **UNDISCLOSED CHEMICAL 16** LT-UNK **UNDISCLOSED CHEMICAL 17** BM-1 | CAN **UNDISCLOSED CHEMICAL 18** BM-1 | CAN **UNDISCLOSED CHEMICAL 19** BM-2 **UNDISCLOSED CHEMICAL 20** LT-P1 | MUL **UNDISCLOSED CHEMICAL 21** LT-UNK **UNDISCLOSED CHEMICAL 22**

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:

J. Josephson worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 100 ppm threshold. 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.

LT-UNK UNDISCLOSED CHEMICAL 23 NoGS UNDISCLOSED  
CHEMICAL 24 LT-1 | MAM | GEN | CAN UNDISCLOSED CHEMICAL 25  
LT-UNK UNDISCLOSED CHEMICAL 26 LT-P1 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 2-ETHYLHEXYL METHYL  
TEREPHTHALATE NoGS BIS(2-ETHYLHEXYL) TEREPHTHALATE BM-  
3dg DIPROPYLHEPTYL PHTHALATE (DPHP) BM-U | CAN ]

#### 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 V1.2 (Section 01350/CHPS) - Classroom & Office scenario

LCA: Environmental Product Declaration (EPD) by SCS

#### CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

Yes

No

PREPARER: ToxServices LLC

VERIFIER: SCS Global Services

VERIFICATION #: qGE-4663

SCREENING DATE: 2020-08-04

PUBLISHED DATE: 2020-11-06

EXPIRY DATE: 2023-08-04

## 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 2.2, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-2-standard](http://www.hpd-collaborative.org/hpd-2-2-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**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **25.5740 - 26.3940** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

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

#### POLYVINYL CHLORIDE (PVC)

ID: **9002-86-2**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

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

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

#### UNDISCLOSED CHEMICAL 2

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **8.8920 - 8.8920** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

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

#### UNDISCLOSED CHEMICAL 3

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **8.2700 - 8.6100** GS: **BM-3dg** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: This chemical has been identified and screened by J Josephson's HPD Third Party Preparer. Due to its proprietary nature, this chemical and its CAS# were not able to be disclosed on this HPD. The GreenScreen® Benchmark assessment score of BM-3dg was provided through the HPD 2.2 Builder Tool.

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

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **4.0940 - 4.0940** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES:

**TITANIUM DIOXIDE** ID: **13463-67-7**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

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

HAZARD TYPE	AGENCY AND LIST TITLES	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
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES:

**POLYVINYL FLUORIDE** ID: **24981-14-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **2.0000 - 2.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES:

**CELLULOSE, MICROCRYSTALLINE**

ID: 9004-34-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **1.2060 - 1.2060** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

**EPOXIDIZED SOYBEAN OIL**

ID: 8013-07-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **1.1440 - 2.9040** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES:

**ETHYL ACETATE**

ID: 141-78-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **1.1360 - 1.6400** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **1.0980 - 1.5400** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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 proprietary nature, this chemical and its CAS# were not able to be disclosed on this HPD.

**UNDISCLOSED CHEMICAL 5**ID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **0.5850 - 0.5850** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES: This chemical has been identified and screened by J Josephson's HPD Third Party Preparer. Due to its proprietary nature, this chemical and its CAS# were not able to be disclosed on this HPD.		

**CALCIUM HYDROXIDE**

ID: 1305-62-0

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-08-04</b>
#: 0.4400 - 2.2000	GS: <b>LT-P1</b>	RC: <b>None</b> NANO: <b>No</b> SUBSTANCE ROLE: <b>Structure component</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES: Used interchangeably with zinc stearate (CAS #557-05-1)		

**ZINC STEARATE**

ID: 557-05-1

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-08-04</b>
#: 0.4400 - 2.2000	GS: <b>LT-P1</b>	RC: <b>None</b> NANO: <b>No</b> SUBSTANCE ROLE: <b>Structure component</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES: Used interchangeably with calcium hydroxide (CAS #1305-62-0)		

**DAKRIL 4B**

ID: 25852-37-3

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-08-04</b>
#: 0.4400 - 2.2000	GS: <b>LT-UNK</b>	RC: <b>None</b> NANO: <b>No</b> SUBSTANCE ROLE: <b>Structure component</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES:		

**KAOLIN**

ID: 1332-58-7

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-08-04</b>
#: 0.4400 - 6.6000	GS: <b>LT-UNK</b>	RC: <b>None</b> NANO: <b>No</b> SUBSTANCE ROLE: <b>Structure component</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
SUBSTANCE NOTES:		

**UNDISCLOSED CHEMICAL 6**

ID: **Undisclosed**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-08-04</b>		
#: <b>0.3360 - 0.4980</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
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 proprietary nature, this chemical and its CAS# were not able to be disclosed on this HPD.				

**UNDISCLOSED CHEMICAL 7**

ID: **Undisclosed**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-08-04</b>		
#: <b>0.3000 - 0.3000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>
HAZARD TYPE	AGENCY AND LIST TITLES	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 proprietary nature, this chemical and its CAS# were not able to be disclosed on this HPD.				

**POLYESTER**

ID: **113669-95-7**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-08-04</b>		
#: <b>0.3000 - 0.3000</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Structure component</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

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

ID: **25086-48-0**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-08-04</b>		
#: <b>0.2810 - 0.2880</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Structure component</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard 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**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-08-04</b>		
#: <b>0.2320 - 0.2320</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>

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

**MICA** ID: 12001-26-2

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-08-04</b>		
#: <b>0.2160 - 0.3110</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

**UNDISCLOSED CHEMICAL 8** ID: **Undisclosed**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-08-04</b>		
#: <b>0.1570 - 0.1880</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Structure component</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: This chemical has been identified and screened by J Josephson's HPD Third Party Preparer. Due to its proprietary nature, this chemical and its CAS# were not able to be disclosed on this HPD.				

**UNDISCLOSED CHEMICAL 9** ID: **Undisclosed**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-08-04</b>		
#: <b>0.1140 - 0.1140</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Structure component</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: This chemical has been identified and screened by J Josephson's HPD Third Party Preparer. Due to its proprietary nature, this chemical and its CAS# were not able to be disclosed on this HPD.				

**UNDISCLOSED CHEMICAL 10** ID: **Undisclosed**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-08-04</b>		
#: <b>0.1120 - 0.1120</b>	GS: <b>BM-3</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: This chemical has been identified and screened by J Josephson's HPD Third Party Preparer. Due to its proprietary 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 2.2 Builder Tool.				



## UNDISCLOSED CHEMICAL 11

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **0.1000 - 0.1000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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 SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
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 proprietary nature, this chemical and its CAS# were not able to be disclosed on this HPD.

## UNDISCLOSED CHEMICAL 12

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **0.0920 - 0.0920** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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: This chemical has been identified and screened by J Josephson's HPD Third Party Preparer. Due to its proprietary nature, this chemical and its CAS# were not able to be disclosed on this HPD. The GreenScreen® Benchmark assessment score of BM-1 was provided through the HPD 2.2 Builder Tool.

## PEVIKON (VINYL CHLORIDE-VINYL ACETATE COPOLYMERS)

ID: 9003-22-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **0.0800 - 0.1160** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

## SULFIX 6

ID: 25608-33-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **0.0550 - 0.2600** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

## SUBSTANCE NOTES:

## UNDISCLOSED CHEMICAL 13

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **0.0540 - 0.0540** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

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

## UNDISCLOSED CHEMICAL 14

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **0.0530 - 0.0530** GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: This chemical has been identified and screened by J Josephson's HPD Third Party Preparer. Due to its proprietary 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 2.2 Builder Tool.

## UNDISCLOSED CHEMICAL 15

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **0.0440 - 0.4400** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	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 proprietary nature, this chemical and its CAS# were not able to be disclosed on this HPD.

## UNDISCLOSED CHEMICAL 16

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **0.0440 - 0.4400** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

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

## UNDISCLOSED CHEMICAL 17

ID: Undisclosed

%: **0.0440 - 0.4400**GS: **BM-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	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 proprietary nature, this chemical and its CAS# were not able to be disclosed on this HPD. The GreenScreen® Benchmark assessment score of BM-1 was provided through the HPD 2.2 Builder Tool.

**UNDISCLOSED CHEMICAL 18**ID: **Undisclosed**%: **0.0440 - 0.4400**GS: **BM-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	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 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 proprietary nature, this chemical and its CAS# were not able to be disclosed on this HPD. The GreenScreen® Benchmark assessment score of BM-1 was provided through the HPD 2.2 Builder Tool.

**UNDISCLOSED CHEMICAL 19**ID: **Undisclosed**%: **0.0440 - 0.4400**GS: **BM-2**RC: **None**NANO: **No**SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: This chemical has been identified and screened by J Josephson's HPD Third Party Preparer. Due to its proprietary 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 2.2 Builder Tool.

**UNDISCLOSED CHEMICAL 20**ID: **Undisclosed**%: **0.0440 - 0.4400**GS: **LT-P1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	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 proprietary nature, this chemical and its CAS# were not able to be disclosed on this HPD.

**UNDISCLOSED CHEMICAL 21**

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **0.0440 - 0.4400** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

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

**UNDISCLOSED CHEMICAL 22**

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **0.0400 - 0.0400** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

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

**UNDISCLOSED CHEMICAL 23**

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **0.0340 - 0.3400** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

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

**UNDISCLOSED CHEMICAL 24**

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **0.0340 - 0.1020** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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	GHS - Australia	H340 - May cause genetic defects
CANCER	GHS - Australia	H350 - May cause cancer

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

#### UNDISCLOSED CHEMICAL 25

ID: **Undisclosed**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2020-08-04</b>	
%: <b>0.0340 - 0.1020</b>	GS: <b>LT-UNK</b>	
RC: <b>None</b>	NANO: <b>No</b>	
SUBSTANCE ROLE: <b>Structure component</b>		
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

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

#### UNDISCLOSED CHEMICAL 26

ID: **Undisclosed**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2020-08-04</b>	
%: <b>0.0300 - 0.0300</b>	GS: <b>LT-P1</b>	
RC: <b>None</b>	NANO: <b>No</b>	
SUBSTANCE ROLE: <b>Pigment</b>		
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

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

#### PIGMENT ORANGE 36

ID: **12236-62-3**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2020-08-04</b>
%: <b>0.0240 - 0.2560</b>	GS: <b>LT-UNK</b>
RC: <b>None</b>	NANO: <b>No</b>
SUBSTANCE ROLE: <b>Pigment</b>	

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

SUBSTANCE NOTES:

**UNDISCLOSED CHEMICAL 27**

ID: **Undisclosed**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2020-08-04</b>				
<table border="0"> <tr> <td>#: <b>0.0200 - 0.0200</b></td> <td>GS: <b>LT-P1</b></td> <td>RC: <b>None</b></td> <td>NANO: <b>No</b></td> <td>SUBSTANCE ROLE: <b>Pigment</b></td> </tr> </table>	#: <b>0.0200 - 0.0200</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>
#: <b>0.0200 - 0.0200</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>	

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
<b>MULTIPLE</b>	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 proprietary nature, this chemical and its CAS# were not able to be disclosed on this HPD.

**POLYETHYLENE**

ID: **9002-88-4**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2020-08-04</b>				
<table border="0"> <tr> <td>#: <b>0.0160 - 0.0200</b></td> <td>GS: <b>LT-UNK</b></td> <td>RC: <b>None</b></td> <td>NANO: <b>No</b></td> <td>SUBSTANCE ROLE: <b>Pigment</b></td> </tr> </table>	#: <b>0.0160 - 0.0200</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>
#: <b>0.0160 - 0.0200</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>	

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

SUBSTANCE NOTES:

**UNDISCLOSED CHEMICAL 28**

ID: **Undisclosed**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2020-08-04</b>				
<table border="0"> <tr> <td>#: <b>0.0140 - 0.0140</b></td> <td>GS: <b>NoGS</b></td> <td>RC: <b>None</b></td> <td>NANO: <b>No</b></td> <td>SUBSTANCE ROLE: <b>Pigment</b></td> </tr> </table>	#: <b>0.0140 - 0.0140</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>
#: <b>0.0140 - 0.0140</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>	

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

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

**SILICA GEL**

ID: **112926-00-8**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2020-08-04</b>				
<table border="0"> <tr> <td>#: <b>0.0120 - 0.0800</b></td> <td>GS: <b>LT-UNK</b></td> <td>RC: <b>None</b></td> <td>NANO: <b>No</b></td> <td>SUBSTANCE ROLE: <b>Structure component</b></td> </tr> </table>	#: <b>0.0120 - 0.0800</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Structure component</b>
#: <b>0.0120 - 0.0800</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Structure component</b>	

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

SUBSTANCE NOTES:

**UNDISCLOSED CHEMICAL 29**ID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **0.0100 - 0.0800** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

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

**UNDISCLOSED CHEMICAL 30**ID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **0.0100 - 0.0400** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

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

**UNDISCLOSED CHEMICAL 31**ID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **0.0030 - 0.0340** GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: This chemical has been identified and screened by J Josephson's HPD Third Party Preparer. Due to its proprietary 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 2.2 Builder Tool.

**2-ETHYLHEXYL METHYL TEREPHTHALATE**ID: **63468-13-3**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **0.0030 - 0.0340** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES:

**BIS(2-ETHYLHEXYL) TEREPHTHALATE**ID: **6422-86-2**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **0.0000 - 11.0000** GS: **BM-3dg** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: The GreenScreen® Benchmark assessment score of BM-3dg was provided through the HPD 2.2 Builder Tool. This substance is an alternate to DIPROPYLHEPTYL PHTHALATE (DPHP), CAS No: 53306-54-0.

**DIPROPYLHEPTYL PHTHALATE (DPHP)**

ID: 53306-54-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

%: **0.0000 - 11.0000** GS: **BM-U** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	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 2.2 Builder Tool. This substance is an alternate to BIS(2-ETHYLHEXYL) TEREPHTHALATE, CAS No: 6422-86-2.



## 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) - Classroom & Office scenario		
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: 35 Horizon Blvd., South Hackensack, NJ 07606, USA CERTIFICATE URL:	ISSUE DATE: 2017-05-18	EXPIRY DATE:	CERTIFIER OR LAB: Berkeley Analytical Lab
CERTIFICATION AND COMPLIANCE NOTES: P3TEC complies with the CDPH/EHLB Standard Method V1.2 for the School Classroom and Private Office scenarios. Berkeley Analytical completed a VOC Test certificate as an independent, accredited laboratory			

LCA	Environmental Product Declaration (EPD) by SCS		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: 35 Horizon Boulevard South Hackensack, NJ 07606 CERTIFICATE URL: <a href="https://www.scscertified.com/products/cert_pdfs/SCS-EPD-04675_J-Josephson-P3TEC_041618.pdf">https://www.scscertified.com/products/cert_pdfs/SCS-EPD-04675_J-Josephson-P3TEC_041618.pdf</a>	ISSUE DATE: 2017-09-28	EXPIRY DATE: 2022-09-27	CERTIFIER OR LAB: SCS Global Services
CERTIFICATION AND COMPLIANCE NOTES: EPD Number: SCS-EPD-04675. This EPD conforms to ISO 14025, 14040, ISO 14044, and EN 15804. Part A: Calculation Rules for the Life Cycle Assessment and Requirements on the Project Report. Version 1.5, 2016. Part B: Requirements on the EPD for Wall coverings. Version 1.1, 2016.			

## 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.  
**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)

*The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.*

**KEY**

**Hazard Types**

<b>AQU</b> Aquatic toxicity	<b>LAN</b> Land toxicity	<b>PHY</b> Physical hazard (flammable or reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple	<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>NF</b> Not found on Priority Hazard Lists	<b>UNK</b> Unknown
<b>GEN</b> Gene mutation	<b>OZO</b> Ozone depletion	
<b>GLO</b> Global warming	<b>PBT</b> Persistent, bioaccumulative, and toxic	

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-UNK</b> List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>NoGS</b> No GreenScreen.
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	
<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)	

**Recycled Types**

**PreC** Pre-consumer recycled content  
**PostC** Post-consumer recycled content  
**UNK** Inclusion of recycled content is unknown  
**None** Does not include recycled content

**Other Terms:**

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

**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.*