

Health Product

Declaration v2.2 created via: HPDC Online Builder

Ambient Renew Fabric by Texstyle **by Rollease Acmeda**

HPD UNIQUE IDENTIFIER: 21477

CLASSIFICATION: 12 20 00 Window Treatments

PRODUCT DESCRIPTION: Ambient Renew is a flame retardant 2x2 PVC free screen made of 85% Recycled Polyester and is recyclable. This eco-friendly and environmentally sustainable option is designed to offer heat and glare control similar to that of a traditional screen without the PVC. Available in both 1% and 5% openness.

😑 Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

 Nested Materials Method C Basic Method

Threshold Disclosed Per

- C Material Product
- Threshold level • 100 ppm C 1,000 ppm C Per GHS SDS C Other

Residuals/Impurities

Residuals/Impurities Considered in 10 of 10 Materials

Explanation(s) provided for Residuals/Impurities? • Yes O No

All Substances Above the Threshold Indicated Are.

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

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

○ Yes Ex/SC ⊙ Yes ○ No

All substances disclosed by Name (Specific or Generic) and Identifier.

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

YARN (POST) [POLYETHYLENE TEREPHTHALATE LT-UNK PHOSPHONIC ACID, METHYL-, (5-ETHYL-2-METHYL-1,3,2-DIOXAPHOSPHORINAN- 5-YL)METHYL METHYL ESTER, P-OXIDE NoGS WATER BM-4] YARN (VIRGIN) [POLYETHYLENE TEREPHTHALATE LT-UNK PHOSPHONIC ACID, METHYL-, (5-ETHYL-2-METHYL-1,3,2-DIOXAPHOSPHORINAN- 5-YL)METHYL METHYL ESTER, P-OXIDE NoGS WATER BM-4] PBT [1,4-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER, POLYMER WITH 1,4-BUTANEDIOL NoGS] CO-PET [1,3-BENZENEDICARBOXYLIC ACID LT-UNK] TITANIUM DIOXIDE [TITANIUM DIOXIDE LT-1 | CAN | END] COLOR 4 [C. I. PIGMENT BLUE 15 BM-3] COLOR 3 [9,10-ANTHRACENEDIONE, 1,1'-[(6-PHENYL-1,3,5-TRIAZINE- 2,4-DIYL)DIIMINO]BIS- LT-UNK] COLOR 2 [CARBON BLACK BM-1 | CAN] COLOR 1 [C.I. PIGMENT BROWN 24 BM-1] COLOR 5 [DIINDOLO[3,2-B:3',2'-M]TRIPHENODIOXAZINE, 8,18-DICHLORO-5,15-DIETHYL-5,15-DIHYDRO- LT-UNK]

VOLATILE ORGANIC COMPOUND (VOC) CONTENT VOC Content data is not applicable for this product category.

Number of Greenscreen BM-4/BM3 contents ... 3 Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1 Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Identified

Residuals and impurities have been screened using the toxnet and Pharos databases. These databases are general databases and list possible residuals and impurities for chemicals and substances as reported in peerreviewed studies or other credible documentation. Just because a chemical could have the impurity listed in the database does not mean that this material contains that impurity. Actual impurities are a product of the sourced product and its suppliers. Residuals and impurities listed in the HPD are for information purposes only and are not 100% guaranteed to be present in the fabric. No material was tested for this HPD.

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

Pre-checked for LEED v4 Material Ingredients Option 1



COMMERCIAL PVC FREE



🖸 No



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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

YARN (POST)	%: 79.0300 - 80.6100	
PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: This is	s made from post-consumer recycled content	so the impurities associated with virgin

material are not associated with this material. See PET virgin material row for more information on impurities associated with that CAS RN. Residuals and impurities have been screened using the toxnet and Pharos databases. These databases are general databases and list possible residuals and impurities for chemicals and substances as reported in peer-reviewed studies or other credible documentation. Just because a chemical could have the impurity listed in the database does not mean that this material contains that impurity. Actual impurities are a product of the sourced product and its suppliers. Residuals and impurities listed in the HPD are for information purposes only and are not 100% guaranteed to be present in the fabric. No material was tested for this HPD.

OTHER MATERIAL NOTES:

HAZARD SCREENING METHO	HAZARD SCF	REENING DATE:	2020-08	-19	
%: 97.0000	GS: LT-UNK	RC: UNK	NANO: NO	SUBST	ANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES	WAR	NINGS		
	Hazard Screening not performed				
	ities have been screened using the toxnet and I				are general databases and list
Just because a chen impurities are a prod	nical could have the impurity listed in the databa luct of the sourced product and its suppliers. ities listed in the HPD are for information purpo	ase does not m	ean that this	material	
Just because a chen impurities are a prod Residuals and impur No material was test PHOSPHONIC ACID, I	nical could have the impurity listed in the databa luct of the sourced product and its suppliers. ities listed in the HPD are for information purpo	ase does not m	ean that this	material	contains that impurity. Actual
Just because a chen impurities are a prod Residuals and impur No material was test PHOSPHONIC ACID, I DIOXAPHOSPHORIN/	nical could have the impurity listed in the databa- luct of the sourced product and its suppliers. ities listed in the HPD are for information purpo- ed for this HPD. METHYL-, (5-ETHYL-2-METHYL-1,3,2-	ase does not m	ean that this	s material	contains that impurity. Actual ed to be present in the fabric.





HAZARD TYPE	AGENCY AND LIST TITLES	WARNING	S		
	Hazard Screening not performed				
disclose more information tha deemed significant for the pur Residuals and impurities have possible residuals and impuri Just because a chemical coul impurities are a product of the	e been screened using the toxnet and F ties for chemicals and substances as n d have the impurity listed in the databa e sourced product and its suppliers. d in the HPD are for information purpos	to the reported thr Pharos databases. eported in peer-re use does not mean	eshold on this These databas viewed studies that this mate	HPD therefore the infor ses are general databas s or other credible docu rial contains that impur	mation was ses and list mentation. ity. Actual
WATER				IE	o: 7732-18-5
HAZARD SCREENING METHOD: Pharos	s Chemical and Materials Library	HAZARD SCREE	NING DATE: 2020)-08-19	
%: 0.7592 - 3.7216	GS: BM-4	RC: UNK	NANO: NO	SUBSTANCE ROLE: Solv	ent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNING	S		
	Hazard Screening not performed				
databases and list possible re credible documentation. Just contains that impurity. Actual	d impurities have been screened using esiduals and impurities for chemicals at because a chemical could have the im impurities are a product of the sourced d in the HPD are for information purpos s HPD.	nd substances as purity listed in the d product and its s	reported in pee database does suppliers.	er-reviewed studies or o s not mean that this ma	other terial
(ARN (VIRGIN)	%: 11.2600 - 11.7900				
PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES CONSI	dered: Yes	MATERIAL	TYPE: Polymeric Mat	terial





RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were screened using the Pharos database. The database says the following about impurities: 1. "The prepolymer can also be formed by transesterification (B) of dimethyl terephthalate with ethylene glycol, forming methanol as a by-product (Scheirs and Long, 2003). Oxides of e.g. zinc or manganese are commonly added to catalyse the first reaction, and antimony (III) oxide is most commonly used to catalyse the second step reaction (Ravve, 2000; Stevens, 1999)." (Lithner 2011) "Residual molecular antimony (Sb) catalyst materials can migrate into food or water and be a potential contaminant from PET packaging materials. Sb was established as catalyst of choice because it has some favourable properties, e.g. it gives bright, shiny polymers. There are two other main catalysts for PET: germanium oxide and titanium compounds (Thiele 2001)." "Antimony trioxide is the preferred polycondensation catalyst for the production of PET." This is listed as a material percentage of .03% which transles to .003% in this inventory, below the threshold. 2. "Oxides of e.g. zinc or manganese are commonly added to catalyse the first reaction, and antimony (III) oxide is most commonly used to catalyse the second step reaction (Ravve, 2000; Stevens, 1999)." (Lithner 2011) This has an unknown threshold. 3. NOTES In the DMT process, "Vapor from the top of the methanol column is sent to a cold water (or refrigerated) condenser, where the condensate returns to the methanol column, and noncondensables are purged with nitrogen before being emitted to the atmosphere." http://www.epa.gov/ttn/chief/ap42/ch06/final/c06s06-2.pdf. This has an unknown threshold. 4.NOTES "The prepolymer can also be formed by transesterification (B) of dimethyl terephthalate with ethylene glycol, forming methanol as a byproduct (Scheirs and Long, 2003). Oxides of e.g. zinc or manganese are commonly added to catalyse the first reaction, and antimony (III) oxide is most commonly used to catalyse the second step reaction (Ravve, 2000; Stevens, 1999)."

OTHER MATERIAL NOTES:

(Lithner 2011). This also has an unknown threshold.

POLYETHYLENE TEREPHTH	IALATE				ID: 25038-59-9
HAZARD SCREENING METHOD: Pha	ros Chemical and Materials Library	HAZARD SCR	EENING DATE: 2	020-08-19	
%: 96.9975 - 96.9982	GS: LT-UNK	RC: UNK	NANO: NO	SUBSTANCE ROLE: Polymo	er species
HAZARD TYPE	AGENCY AND LIST TITLES	W	ARNINGS		
	Hazard Screening not performed				
 "The prepolymer can also by-product (Scheirs and Lo antimony (III) oxide is most molecular antimony (Sb) ca materials. Sb was establish There are two other main c preferred polycondensation in this inventory, below the antimony (III) oxide is most an unknown threshold. 3. N refrigerated) condenser, wh being emitted to the atmos 4.NOTES "The prepolymer methanol as a by-product (and impurities were screened using the I o be formed by transesterification (B) of ng, 2003). Oxides of e.g. zinc or mangar commonly used to catalyse the second talyst materials can migrate into food or ed as catalyst of choice because it has a atalysts for PET: germanium oxide and ti o catalyst for the production of PET." Thi threshold. 2. "Oxides of e.g. zinc or man commonly used to catalyse the second OTES In the DMT process, "Vapor from there the condensate returns to the metha phere." http://www.epa.gov/ttn/chief/ap can also be formed by transesterification Scheirs and Long, 2003). Oxides of e.g. zi oxide is most commonly used to catalyse nown threshold	dimethyl terep nese are comm step reaction water and be some favourab itanium compo- is is listed as a nganese are co step reaction the top of the anol column, a 42/ch06/final/ n (B) of dimeth zinc or manga	ohthalate with honly added t (Ravve, 2000; a potential co ole properties ounds (Thiele a material pero ommonly add (Ravve, 2000; methanol col and nonconde co6s06-2.pdf. nyl terephthala nese are com	ethylene glycol, forming o catalyse the first reaction Stevens, 1999)." (Lithner ontaminant from PET pace , e.g. it gives bright, shiny 2001)." "Antimony trioxic centage of .03% which tra- d to catalyse the first read Stevens, 1999)." (Lithner umn is sent to a cold wat nsables are purged with This has an unknown this at with ethylene glycol, f monly added to catalyse	methanol as a on, and r 2011) "Residual kaging y polymers. de is the ansles to .003% action, and r 2011) This has ter (or nitrogen before reshold. orming the first
	'L-, (5-ETHYL-2-METHYL-1,3,2- 'L)METHYL METHYL ESTER, P-OXIDE				ID: 41203-81-0
HAZARD SCREENING METHOD: Pha	ros Chemical and Materials Library		HAZARD SO	CREENING DATE: 2020-08-19)
%: 2.3979 - 3.0025	GS: NoGS		RC:	NANO: SUBSTANCE ROI	LE: Flame

UNK

No

retardant





1					
HAZARD TYPE	AGENCY AND LIST TITLES	WARNING	S		
	Hazard Screening not performed				
disclose more informatio deemed significant for th Residuals and impurities possible residuals and in Just because a chemical impurities are a product	have been screened using the toxnet and npurities for chemicals and substances as could have the impurity listed in the datate of the sourced product and its suppliers. listed in the HPD are for information purpo	d to the reported three Pharos databases. reported in peer-rev base does not mean	eshold on this These databa viewed studies that this mate	HPD therefore the informat ses are general databases a s or other credible documen erial contains that impurity. A	ion was and list Itation. Actual
WATER					32-18-5
HAZARD SCREENING METHOD: P	haros Chemical and Materials Library	HAZARD SCREE	NING DATE: 2020	0-08-19	
%: 0.6039 - 3.0025	GS: BM-4	RC: UNK	NANO: NO	SUBSTANCE ROLE: Solvent	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNING	S		
	Hazard Screening not performed				
deemed significant for th Residuals and impurities possible residuals and in Just because a chemical impurities are a product	have been screened using the toxnet and npurities for chemicals and substances as could have the impurity listed in the datat of the sourced product and its suppliers. listed in the HPD are for information purpo	Pharos databases. reported in peer-rev base does not mean	These databa viewed studies that this mate	ses are general databases a s or other credible documen erial contains that impurity. <i>I</i>	and list Itation. Actual
РВТ	%: 5.5200 - 6.9100				
PRODUCT THRESHOLD: 100 pp	m RESIDUALS AND IMPURITIES CON	sidered: Yes	MATERIAL	TYPE: Polymeric Materia	al
databases. These databa substances as reported the impurity listed in the product of the sourced p	ES: None noted. Residuals and impu ases are general databases and list in peer-reviewed studies or other cr database does not mean that this n product and its suppliers. Residuals ot 100% guaranteed to be present in	possible residua redible document naterial contains and impurities lis	Is and impu ation. Just I that impurit sted in the F	rities for chemicals and because a chemical cou y. Actual impurities are IPD are for information	uld have



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AZAID CONCENTION.	os Chemical and Materials Library	HAZARD SC	CREENING DATE:	2020-08-19	
%: 100.0000 - 100.0000	GS: NoGS	RC: UNK	NANO: NO	SUBSTANCE ROLE: PO	lymer specie
HAZARD TYPE	AGENCY AND LIST TITLES	WARNING	GS		
	Hazard Screening not performed				
databases and list possible credible documentation. Just contains that impurity. Actu	and impurities have been screened using residuals and impurities for chemicals ar st because a chemical could have the im al impurities are a product of the sourced ted in the HPD are for information purpos his HPD.	nd substances as purity listed in the d product and its s	reported in p database do suppliers.	eer-reviewed studies bes not mean that this	or other s material
D-PET ODUCT THRESHOLD: 100 ppm	%: 1.2200 - 1.2200 RESIDUALS AND IMPURITIES CONSI	dered: Yes	MATERI	AL TYPE: Polymeric	Material
1% Residuals and impuri eneral databases and list viewed studies or other c atabase does not mean th oduct and its suppliers. F	Impurities can include reaction in ties have been screened using the possible residuals and impurities f credible documentation. Just becan nat this material contains that impu Residuals and impurities listed in the esent in the fabric. No material was	toxnet and Pha or chemicals an use a chemical urity. Actual imp ne HPD are for	aros databa nd substan could have purities are information	ases. These datab ces as reported in a the impurity liste a product of the s	ases are peer- d in the ourced
1,3-BENZENEDICARBOXYLI	C ACID				ID: 121-9
HAZARD SCREENING METHOD: Phar	os Chemical and Materials Library	HAZARD SCREEN	NING DATE: 202	0-08-19	
%: 100.0000 - 100.0000	GS: LT-UNK	RC: UNK	NANO: NO	SUBSTANCE ROLE: Pla	asticizer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNING	GS		
	Hazard Screening not performed				



TITANIUM DIOXIDE

%: 0.2700 - 1.5100

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: Titanium dioxide is largely purified in the manufacturing process. Residuals and impurities have been screened using the toxnet and Pharos databases. These databases are general databases and list possible residuals and impurities for chemicals and substances as reported in peer-reviewed studies or other credible documentation. Just because a chemical could have the impurity listed in the database does not mean that this material contains that impurity. Actual impurities are a product of the sourced product and its suppliers. Residuals and impurities listed in the HPD are for information purposes only and are not 100% guaranteed to be present in the fabric. No material was tested for this HPD.

OTHER MATERIAL NOTES:

TITANIUM DIOXIDE				ID: 13463-67-7
HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREE	ENING DATE: 2020	-08-19
%: 100.0000 - 100.0000	GS: LT-1	RC: UNK	NANO: NO	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNI	NGS	
	Hazard Screening not performed			
databases and list pose credible documentation contains that impurity.	als and impurities have been screened using sible residuals and impurities for chemicals ar 1. Just because a chemical could have the imp Actual impurities are a product of the sourced as listed in the HPD are for information purpos for this HPD.	nd substances as purity listed in th I product and its	s reported in pe ne database doo s suppliers.	eer-reviewed studies or other es not mean that this material

COLOR 4

%: 0.0500 - 0.3300

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: None noted. Residuals and impurities have been screened using the toxnet and Pharos databases. These databases are general databases and list possible residuals and impurities for chemicals and substances as reported in peer-reviewed studies or other credible documentation. Just because a chemical could have the impurity listed in the database does not mean that this material contains that impurity. Actual impurities are a product of the sourced product and its suppliers. Residuals and impurities listed in the HPD are for information purposes only and are not 100% guaranteed to be present in the fabric. No material was tested for this HPD.

OTHER MATERIAL NOTES:





AZARD SCREENING METHOD: FILA	os Chemical and Materials Library	HAZARD SCREE	NING DATE: 202	0-08-1	9	
6: 100.0000 - 100.0000	GS: BM-3	RC: UNK	NANO: NO	SUE	BSTANCE ROLE:	Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNIN	IGS			
	Hazard Screening not performed					
databases and list possible credible documentation. Just contains that impurity. Actu	nd impurities have been screened using residuals and impurities for chemicals a st because a chemical could have the im al impurities are a product of the source red in the HPD are for information purpos his HPD.	nd substances as purity listed in the d product and its	reported in p e database do suppliers.	eer-rev bes not	viewed studie mean that th	s or other is material
DLOR 3	%: 0.0500 - 0.2200					
DDUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES CONSI				Polymeric	
siduals and impurities notes: tabases. These database bstances as reported in a impurity listed in the da oduct of the sourced pro		rities have beer possible residua edible documen aterial contains and impurities li	n screened o als and imp ntation. Just s that impur isted in the	using urities beca ity. Ac HPD a	the toxnet a for chemic use a chem tual impurit	and Pharos als and lical could h ties are a mation
SIDUALS AND IMPURITIES NOTES: tabases. These database bstances as reported in j e impurity listed in the da oduct of the sourced pro rposes only and are not HER MATERIAL NOTES:	None noted. Residuals and impures are general databases and list poeer-reviewed studies or other creatabase does not mean that this maduct and its suppliers. Residuals a 100% guaranteed to be present in	rities have beer possible residua edible documen aterial contains and impurities li	n screened o als and imp ntation. Just s that impur isted in the	using urities beca ity. Ac HPD a	the toxnet a for chemic use a chem tual impurit	and Pharos cals and nical could h ties are a mation HPD.
SIDUALS AND IMPURITIES NOTES: tabases. These database bstances as reported in j e impurity listed in the da oduct of the sourced pro rposes only and are not HER MATERIAL NOTES:	None noted. Residuals and impures are general databases and list poeer-reviewed studies or other cretabase does not mean that this maduct and its suppliers. Residuals a	rities have beer possible residua edible documen aterial contains and impurities li	n screened o als and imp ntation. Just s that impur isted in the	using urities beca ity. Ac HPD a	the toxnet a for chemic use a chem tual impurit	and Pharos als and lical could h ties are a mation
SIDUALS AND IMPURITIES NOTES: tabases. These database bstances as reported in j e impurity listed in the da oduct of the sourced pro rposes only and are not HER MATERIAL NOTES: 0,10-ANTHRACENEDIONE, 1 DIYL)DIIMINO]BIS-	None noted. Residuals and impures are general databases and list poeer-reviewed studies or other creatabase does not mean that this maduct and its suppliers. Residuals a 100% guaranteed to be present in	rities have beer possible residua edible documen aterial contains and impurities li the fabric. No	n screened o als and imp ntation. Just s that impur isted in the	using urities beca ity. Ac HPD a s test	the toxnet a for chemic use a chem tual impurit are for infor ed for this I	and Pharos cals and nical could h ties are a mation HPD.
SIDUALS AND IMPURITIES NOTES: tabases. These database bstances as reported in j e impurity listed in the da oduct of the sourced pro rposes only and are not HER MATERIAL NOTES: 0,10-ANTHRACENEDIONE, 1 DIYL)DIIMINO]BIS-	None noted. Residuals and impures are general databases and list poeer-reviewed studies or other creatabase does not mean that this maduct and its suppliers. Residuals a 100% guaranteed to be present in	rities have beer possible residua edible documen aterial contains and impurities li the fabric. No	n screened of als and imp ntation. Just is that impur isted in the material wa	using urities beca ity. Ac HPD a s test	the toxnet a for chemic use a chem tual impurit are for infor ed for this I	and Pharos als and nical could h ties are a mation HPD.
SIDUALS AND IMPURITIES NOTES: tabases. These database bstances as reported in j e impurity listed in the da oduct of the sourced pro rposes only and are not HER MATERIAL NOTES: 0,10-ANTHRACENEDIONE, 1 DIYL)DIIMINO]BIS-	None noted. Residuals and impures are general databases and list poeer-reviewed studies or other creatabase does not mean that this maduct and its suppliers. Residuals a 100% guaranteed to be present in given for the present in given by the present in given by the present in	rities have beer possible residua edible documen aterial contains and impurities li the fabric. No	n screened of als and imp ntation. Just s that impur isted in the material wa	using urities beca ity. Ac HPD a s test	the toxnet a for chemic use a chem tual impurit are for infor ed for this h	and Pharos als and nical could h ties are a mation HPD.
SIDUALS AND IMPURITIES NOTES: tabases. These database bstances as reported in j e impurity listed in the da oduct of the sourced pro rposes only and are not HER MATERIAL NOTES: 0,10-ANTHRACENEDIONE, 1 DIYL)DIIMINO]BIS-	None noted. Residuals and impures are general databases and list poeer-reviewed studies or other cretabase does not mean that this miduct and its suppliers. Residuals a 100% guaranteed to be present in ,1'-[(6-PHENYL-1,3,5-TRIAZINE- 2,4-	rities have beer possible residua edible documen aterial contains and impurities li the fabric. No HAZAR	n screened of als and imp ntation. Just s that impur isted in the material wa	using urities beca ity. Ac HPD a s test	the toxnet a for chemic use a chem tual impurit are for infor ed for this h	and Pharos als and nical could h ties are a mation HPD.

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THER MATERIAL NOTES:				
CARBON BLACK				ID: 1333-86- 4
HAZARD SCREENING METHOD: Pha	ros Chemical and Materials Library	HAZARD SCREE	NING DATE: 2020-08-	19
%: 100.0000 - 100.0000	GS: BM-1	RC: UNK	NANO: Unknown	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WAR	NINGS	
	Hazard Screening not performed			
No material was tested for	this HPD.			
OLOR 1	%: 0.0000 - 0.5200			
COLOR 1		SIDERED: Yes	MATERIAL	TYPE: Polymeric Material
RODUCT THRESHOLD: 100 ppm ESIDUALS AND IMPURITIES NOTES atabases. These databas ubstances as reported in ne impurity listed in the da roduct of the sourced pro-		rities have be possible resic edible docum naterial contai and impurities	en screened us luals and impuri entation. Just b ns that impurity s listed in the HI	ing the toxnet and Pharos ties for chemicals and ecause a chemical could hav . Actual impurities are a PD are for information
RODUCT THRESHOLD: 100 ppm ESIDUALS AND IMPURITIES NOTES latabases. These databas ubstances as reported in the impurity listed in the day roduct of the sourced pro urposes only and are not	RESIDUALS AND IMPURITIES CONS None noted. Residuals and impu- ses are general databases and list peer-reviewed studies or other cri- atabase does not mean that this moduct and its suppliers. Residuals	rities have be possible resic edible docum naterial contai and impurities	en screened us luals and impuri entation. Just b ns that impurity s listed in the HI	ing the toxnet and Pharos ties for chemicals and ecause a chemical could hav . Actual impurities are a PD are for information
RODUCT THRESHOLD: 100 ppm ESIDUALS AND IMPURITIES NOTES atabases. These databas ubstances as reported in ne impurity listed in the da roduct of the sourced pro urposes only and are not THER MATERIAL NOTES: C.I. PIGMENT BROWN 24	RESIDUALS AND IMPURITIES CONS None noted. Residuals and impu- ses are general databases and list peer-reviewed studies or other cri- atabase does not mean that this moduct and its suppliers. Residuals	urities have be possible resic edible docum naterial contai and impurities n the fabric. N	en screened us luals and impuri entation. Just b ns that impurity s listed in the HI	ing the toxnet and Pharos ties for chemicals and ecause a chemical could hav . Actual impurities are a PD are for information tested for this HPD.
RODUCT THRESHOLD: 100 ppm ESIDUALS AND IMPURITIES NOTES atabases. These databas ubstances as reported in ne impurity listed in the da roduct of the sourced pro urposes only and are not THER MATERIAL NOTES: C.I. PIGMENT BROWN 24	RESIDUALS AND IMPURITIES CONS None noted. Residuals and impu- ses are general databases and list peer-reviewed studies or other cri- atabase does not mean that this moduct and its suppliers. Residuals 100% guaranteed to be present in	urities have be possible resic edible docum naterial contai and impurities n the fabric. N	en screened us luals and impuri entation. Just b ns that impurity s listed in the HI o material was t	ing the toxnet and Pharos ties for chemicals and ecause a chemical could hav . Actual impurities are a PD are for information tested for this HPD.
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COLOR 5

%: 0.0000 - 0.0600

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: None noted. Residuals and impurities have been screened using the toxnet and Pharos databases. These databases are general databases and list possible residuals and impurities for chemicals and substances as reported in peer-reviewed studies or other credible documentation. Just because a chemical could have the impurity listed in the database does not mean that this material contains that impurity. Actual impurities are a product of the sourced product and its suppliers. Residuals and impurities listed in the HPD are for information purposes only and are not 100% guaranteed to be present in the fabric. No material was tested for this HPD.

OTHER MATERIAL NOTES:

DIINDOLO[3,2-B:3',2'-M]TRI DIETHYL-5,15-DIHYDRO-	PHENODIOXAZINE, 8,18-DICHLORO-5,15-			ID: 6358-30-1
HAZARD SCREENING METHOD: Pha	ros Chemical and Materials Library	HAZARD SCR	REENING DATE: 2	2020-08-19
%: 0.0000 - 100.0000	GS: LT-UNK	RC: UNK	NANO: NO	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
	Hazard Screening not performed			
SUBSTANCE NOTES: Residuals	and impurities have been screened using the to	net and Pharos da	tabases. The	ese databases are general

SUBSTANCE NOTES: Residuals and impurities have been screened using the toxnet and Pharos databases. These databases are general databases and list possible residuals and impurities for chemicals and substances as reported in peer-reviewed studies or other credible documentation. Just because a chemical could have the impurity listed in the database does not mean that this material contains that impurity. Actual impurities are a product of the sourced product and its suppliers. Residuals and impurities listed in the HPD are for information purposes only and are not 100% guaranteed to be present in the fabric.

Residuals and impurities listed in the HPD are for information purposes only and are not 100% guaranteed to be present in the fabric. No material was tested for this HPD.



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COMMERCIAL PVC FREE

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 APPLICABLE FACILITIES: This is not a facility based certification.	ISSUE DATE: 2020- 08-19	EXPIRY DATE:	CERTIFIER OR LAB: Berkeley Analytical		
CERTIFICATE URL:					

CERTIFICATION AND COMPLIANCE NOTES: This material has not yet been tested and will be sent for testing in the first quarter of 2021.

🛨 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.

CONTRACT SERIES TWO SHADING SYSTEM

HPD URL: https://builder.hpdcollaborative.org/actions/builder/record/825/download

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: This is the shading system.

Section 5: General Notes

This material was screened to 100 ppm. All residuals and impurities were considered and noted in the HPD. Please note: Residuals and impurities were screened using the toxnet database. This database is a general database and lists possible residuals and impurities for chemicals and substances as reported in peer-reviewed studies or other credible documentation. Just because a chemical could have the impurity listed in the database does not mean that this material contains that impurity. Actual impurities are a product of the sourced product and its suppliers. Residuals and impurities listed in the HPD are for information purposes only and are not 100% guaranteed to be present in the fabric.



COMMERCIAL PVC FREE



PHY Physical hazard (flammable or

SKI Skin sensitization/irritation/corrosivity

RES Respiratory sensitization

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: Rollease Acmeda ADDRESS: 200 Harvard Ave. Stamford CT 06902, USA WEBSITE: https://www.rolleaseacmeda.com/us/home

CONTACT NAME: Lindsey DeSalvo TITLE: Product Manager- Fabric PHONE: Product Manager-Fabric EMAIL: lindsey.desalvo@rolleaseacmeda.com

reactive)

LT-1 List Translator 1 (Likely Benchmark-1)

mapping to a LT-1 or LTP1 score.)

NoGS No GreenScreen.

REP Reproductive

UNK Unknown

LT-UNK 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

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.

MAM Mammalian/systemic/organ toxicity

PBT Persistent, bioaccumulative, and toxic

NF Not found on Priority Hazard Lists

LAN Land toxicity

NEU Neurotoxicity

OZO Ozone depletion

MUL Multiple

KEY

Hazard Types

AQU Aquatic toxicity CAN Cancer **DEV** Developmental toxicity **END** Endocrine activity EYE Eye irritation/corrosivity **GEN** Gene mutation GLO Global warming

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical) BM-3 Benchmark 3 (use but still opportunity for improvement) BM-2 Benchmark 2 (use but search for safer substitutes) BM-1 Benchmark 1 (avoid - chemical of high concern) BM-U Benchmark Unspecified (due to insufficient data) LT-P1 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 TranslatorTM, 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.

