

CLASSIFICATION: 06 06 60; 06 61 16; 12 36 00

PRODUCT DESCRIPTION: Luxurious design resin material meets inspired innovation in the STUDIO Collection®. Highly workable, durable and thermoformable, this collection expands the spectrum of design resins with brilliant chromas, natural neutrals and sparkling metallics that look and feel like nothing you've seen, and everything you desire. Crafted from a proprietary resin blend, this premier design resin line stands out from all other surface choices for its unique combination of transparent, translucent and opaque polymers blended to create an endless world of design possibilities. Color outside the lines with the Chromatix™ custom color matching program from the STUDIO Collection.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

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

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

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

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No

% weight and role provided for all substances.

Screened Yes Ex/SC Yes No

All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

STUDIO COLLECTION | ALUMINA TRIHYDRATE BM-2 | RES
UNDISCLOSED CHEMICAL #1 NoGS METHYL METHACRYLATE,
COPOLYMER WITH BUTYL ACRYLATE LT-UNK UNDISCLOSED
CHEMICAL #2 BM-1 | RES | CAN | END | SKI | EYE | DEL | MAM | MUL | REP
UNDISCLOSED CHEMICAL #3 LT-P1 | RES | PHY | SKI | END
UNDISCLOSED LT-P1 | RES | PHY | END UNDISCLOSED CHEMICAL #4
NoGS FUMED SILICA, CRYSTALLINE-FREE LT-UNK POLYETHYLENE
TEREPHTHALATE (PET) LT-UNK UNDISCLOSED CHEMICAL #5 LT-1 | CAN
| END UNDISCLOSED LT-UNK UNDISCLOSED CHEMICAL #6 LT-1 | MAM |
GEN | CAN | MUL | END UNDISCLOSED CHEMICAL #7 NoGS
UNDISCLOSED LT-1 | PBT | MUL UNDISCLOSED CHEMICAL #8 BM-1 | SKI
| END | MUL | REP UNDISCLOSED CHEMICAL #9 LT-UNK POLYACRYLIC
ACID LT-UNK | CAN UNDISCLOSED CHEMICAL #10 LT-UNK MICA LT-UNK
UNDISCLOSED LT-P1 | END UNDISCLOSED CHEMICAL #11 BM-2 | CAN |
PHY | MAM | SKI | REP HEXANEDIOIC ACID, POLYMER WITH 2,2-
DIMETHYL-1,3-PROPANEDIOL, 1,6-HEXANEDIOL, HYDRAZINE, 3-
HYDROXY-2-(HYDROXYMETHYL)-2-METHYLPROPANOIC ACID AND 1,1'-
METHYLENEBIS[4-ISOCYANATOCYCLOHEXANE], COMPD. WITH N,N-
DIETHYLETHANAMINE LT-UNK METHYL ETHYL KETONE PEROXIDE LT-
P1 UNDISCLOSED CHEMICAL #12 BM-2 | CAN UNDISCLOSED CHEMICAL
#13 LT-UNK UNDISCLOSED CHEMICAL #14 NoGS UNDISCLOSED
CHEMICAL #15 NoGS UNDISCLOSED LT-P1 | END UNDISCLOSED
CHEMICAL #16 LT-P1 | MUL UNDISCLOSED CHEMICAL #17 LT-1 | CAN
UNDISCLOSED LT-P1 | END UNDISCLOSED CHEMICAL #18 LT-UNK

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:

Aristech 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 100ppm threshold. Due to the proprietary nature of the information, the name and CAS number for certain chemicals have been redacted from this substance entry. "Undisclosed" indicates chemicals Aristech holds confidential; "Undisclosed Chemical #n" indicates chemicals Aristech suppliers protect with NDAs.

UNDISCLOSED CHEMICAL #19 LT-P1 | AQU | SKI | EYE | MUL
UNDISCLOSED CHEMICAL #20 LT-1 | RES | CAN | GEN UNDISCLOSED
CHEMICAL #21 LT-UNK UNDISCLOSED CHEMICAL #22 LT-P1 | SKI
UNDISCLOSED CHEMICAL #23 LT-P1 | END | MUL | CAN UNDISCLOSED
CHEMICAL #24 LT-P1 | MUL UNDISCLOSED CHEMICAL #25 LT-P1 | CAN
UNDISCLOSED CHEMICAL #26 LT-UNK UNDISCLOSED LT-P1 | PHY | EYE |
END WATER BM-4 UNDISCLOSED BM-1 | DEL | END IRON OXIDE LT-UNK
UNDISCLOSED CHEMICAL #27 LT-UNK UNDISCLOSED CHEMICAL #28
LT-P1 | MUL | SKI UNDISCLOSED BM-1 | CAN UNDISCLOSED CHEMICAL
#29 LT-1 | DEL | REP | MUL UNDISCLOSED CHEMICAL #30 LT-P1 | SKI |
MUL]

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: SCS Indoor Advantage Gold - Classroom & Office scenario
Recycled content: SCS Recycled Content Certification - Products
Other: 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-4894

SCREENING DATE: 2018-12-13
PUBLISHED DATE: 2019-08-28
EXPIRY DATE: 2021-12-13



Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

STUDIO COLLECTION

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Aristech 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 100ppm threshold.

OTHER PRODUCT NOTES:

ALUMINA TRIHYDRATE

ID: 21645-51-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-12-13

#: 33.01 - 79.72

GS: BM-2

RC: None

NANO: No

ROLE: Structure Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

UNDISCLOSED CHEMICAL #1

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-12-13

#: 16.68 - 32.74

GS: NoGS

RC: None

NANO: No

ROLE: Structure Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE

ID: 25852-37-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-12-13

#: 13.51 - 15.31

GS: LT-UNK

RC: None

NANO: No

ROLE: Structure Component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		*3rd Party Screened*

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

UNDISCLOSED CHEMICAL #2

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2018-12-13**

#: **8.93 - 17.53** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CANCER	IARC	Group 2a - Agent is probably Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
ENDOCRINE	EU - Priority Endocrine Disruptors	Category 1 - In vivo evidence of Endocrine Disruption Activity
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
DEVELOPMENTAL	EU - GHS (H-Statements)	H361d - Suspected of damaging the unborn child
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
ENDOCRINE	ChemSec - SIN List	Endocrine Disruption
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CANCER	MAK	Carcinogen Group 5 - Genotoxic carcinogen with very slight risk under MAK/BAT levels
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1B

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually. The GreenScreen Benchmark® assessment score of BM-1 was provided through the HPD 2.1 Builder Tool.

UNDISCLOSED CHEMICAL #3

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2018-12-13**

#: **1.79 - 3.15** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Structure Component**

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

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-12-13		
%: 0.85 - 1.35	GS: LT-P1	RC: None	NANO: No	ROLE: Structure Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H228 - Flammable solid		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H261 - In contact with water releases flammable gases		
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

UNDISCLOSED CHEMICAL #4

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-12-13		
%: 0.60 - 17.60	GS: NoGS	RC: None	NANO: No	ROLE: Structure Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found				

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

FUMED SILICA, CRYSTALLINE-FREE

ID: 112945-52-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2018-12-13**%: **0.50 - 2.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2018-12-13**%: **0.44 - 1.31** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Colorant Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

UNDISCLOSED CHEMICAL #5ID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2018-12-13**%: **0.43 - 2.17** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Colorant Component**

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

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2018-12-13**

%: 0.29 - 1.92

GS: LT-UNK

RC: None

NANO: No

ROLE: Structure Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED CHEMICAL #6

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-12-13

%: 0.25 - 44.17

GS: LT-1

RC: None

NANO: No

ROLE: Colorant 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

MULTIPLE

ChemSec - SIN List

CMR - Carcinogen, Mutagen &/or Reproductive Toxicant

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 3 - Severe Hazard to Waters

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

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED CHEMICAL #7

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-12-13

%: 0.19 - 26.43

GS: NoGS

RC: None

NANO: No

ROLE: Colorant Component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		*3rd Party Screened*

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-12-13		
%: 0.15 - 0.15	GS: LT-1	RC: None	NANO: No	ROLE: Structure Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
PBT	EU - SVHC Authorisation List	PBT - Candidate list		
PBT	EU - SVHC Authorisation List	PBT - Prioritized for listing		
PBT	EU - SVHC Authorisation List	vPvB - Candidate list		
PBT	EU - SVHC Authorisation List	vPvB - Prioritized for listing		
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Substance of Possible Concern		
PBT	ChemSec - SIN List	PBT / vPvB (Persistent, Bioaccumulative, & Toxic / very Persistent & very Bioaccumulative)		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
				3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

UNDISCLOSED CHEMICAL #8

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-12-13		
%: 0.10 - 3.11	GS: BM-1	RC: None	NANO: No	ROLE: Colorant Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation		
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1B		
				3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually. The GreenScreen Benchmark® assessment score of BM-1 was provided through the HPD 2.1 Builder Tool.

UNDISCLOSED CHEMICAL #9

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2018-12-13**

#: **0.09 - 18.55** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Colornat Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

POLYACRYLIC ACID

ID: **9003-01-4**

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

HAZARD SCREENING DATE: **2018-12-13**

#: **0.09 - 0.23** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

MAK

Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer

UNDISCLOSED CHEMICAL #10

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2018-12-13**

#: **0.08 - 12.26** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Colorant Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

MICA

ID: **12001-26-2**

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

HAZARD SCREENING DATE: **2018-12-13**

#: **0.07 - 1.20** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		*3rd Party Screened*

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2018-12-13			
%: 0.04 - 0.43	GS: LT-P1	RC: None	NANO: No	ROLE: Structure Component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
		3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

UNDISCLOSED CHEMICAL #11

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2018-12-13			
%: 0.04 - 3.11	GS: BM-2	RC: None	NANO: No	ROLE: Colorant Component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour
MAMMALIAN	EU - GHS (H-Statements)	H304 - May be fatal if swallowed and enters airways
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1B
		3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually. The GreenScreen Benchmark® assessment score of BM-2 was provided through the HPD 2.1 Builder Tool.

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

ID: **125826-44-0**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2018-12-13
---	--

#: 0.04 - 0.07

GS: LT-UNK

RC: None NANO: No ROLE: Colorant Component

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

METHYL ETHYL KETONE PEROXIDE

ID: 1338-23-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-12-13

#: 0.03 - 0.34

GS: LT-P1

RC: None NANO: No ROLE: Structure Component

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

UNDISCLOSED CHEMICAL #12

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-12-13

#: 0.02 - 0.49

GS: BM-2

RC: None NANO: No ROLE: Colorant Component

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

CANCER

MAK

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

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually. The GreenScreen Benchmark® assessment score of BM-2 was provided through the HPD 2.1 Builder Tool.

UNDISCLOSED CHEMICAL #13

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-12-13

#: 0.02 - 0.07

GS: LT-UNK

RC: None NANO: No ROLE: Colorant Component

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED CHEMICAL #14ID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2018-12-13**%: **0.02 - 2.00**GS: **NoGS**RC: **None**NANO: **No**ROLE: **Colorant Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED CHEMICAL #15ID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2018-12-13**%: **0.02 - 2.00**GS: **NoGS**RC: **None**NANO: **No**ROLE: **Colorant Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2018-12-13**%: **0.02 - 0.20**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Structure Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

UNDISCLOSED CHEMICAL #16ID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2018-12-13**%: **0.01 - 0.06**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Colorant Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 3 - Severe Hazard to Waters

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED CHEMICAL #17

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2018-12-13**

#: **0.01 - 0.11** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Colorant Component**

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

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2018-12-13**

#: **0.01 - 0.02** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

UNDISCLOSED CHEMICAL #18

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2018-12-13**

#: **0.01 - 1.59** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Colorant Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED CHEMICAL #19

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2018-12-13**

%: **0.01 - 0.41** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Colorant Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED CHEMICAL #20

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2018-12-13**

%: **0.01 - 0.50** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Colorant Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
GENE MUTATION	MAK	Germ Cell Mutagen 3a

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED CHEMICAL #21

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2018-12-13**

%: **0.01 - 0.03** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Colorant Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED CHEMICAL #22

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2018-12-13**

#: **0.00 - 0.57** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Colorant Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

SKIN IRRITATION

EU - GHS (H-Statements)

H314 - Causes severe skin burns and eye damage

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED CHEMICAL #23

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2018-12-13**

#: **0.00 - 0.16** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

ChemSec - SIN List

Endocrine Disruption

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

CANCER

MAK

Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED CHEMICAL #24

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2018-12-13**

#: **0.00 - 0.04** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Colorant Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED CHEMICAL #25

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2018-12-13**

#: **0.00 - 0.01** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Colorant Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

Japan - GHS

Carcinogenicity - Category 1A

CANCER

Australia - GHS

H350i - May cause cancer by inhalation

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED CHEMICAL #26

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2018-12-13**

#: **0.00 - 0.09** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Colorant Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2018-12-13**

#: **0.00 - 0.02** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Structure Component**

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

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2018-12-13**%: **0.00 - 0.20**GS: **BM-4**RC: **None**NANO: **No**ROLE: **Structure Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

3rd Party ScreenedSUBSTANCE NOTES: **This substance was properly screened by the HPD Approved Preparer,****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2018-12-13**%: **0.00 - 0.23**GS: **BM-1**RC: **None**NANO: **No**ROLE: **Colorant Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

DEVELOPMENTAL

CA EPA - Prop 65

Developmental toxicity

DEVELOPMENTAL

US NIH - Reproductive & Developmental Monographs

Clear Evidence of Adverse Effects - Developmental Toxicity

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

3rd Party ScreenedSUBSTANCE NOTES: **This substance was properly screened by the HPD Approved Preparer****IRON OXIDE**

ID: 1332-37-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2018-12-13**%: **0.00 - 0.06**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Colorant Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

3rd Party ScreenedSUBSTANCE NOTES: **This substance was properly screened by the HPD Approved Preparer.****UNDISCLOSED CHEMICAL #27**ID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2018-12-13**%: **0.00 - 0.08**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Colorant Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED CHEMICAL #28

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2018-12-13**

#: **0.00 - 0.04** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Colorant Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2018-12-13**

#: **0.00 - 0.21** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

IARC

Group 2b - Possibly carcinogenic to humans

CANCER

MAK

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

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

UNDISCLOSED CHEMICAL #29

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2018-12-13**

#: **0.00 - 0.03** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Colorant Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
DEVELOPMENTAL	EU - GHS (H-Statements)	H360D - May damage the unborn child
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
DEVELOPMENTAL	MAK	Pregnancy Risk Group B
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
DEVELOPMENTAL	Australia - GHS	H360D - May damage the unborn child

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED CHEMICAL #30

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2018-12-13**

#: **0.00 - 0.01** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Colorant Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 100ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

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

SCS Indoor Advantage Gold - Classroom & Office scenario

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **ALL**

CERTIFICATE URL:

https://www.scs-certified.com/products/cert_pdfs/AristechSurfaces_2019_SCS-IAQ-04802_s.pdf

ISSUE DATE:	EXPIRY	CERTIFIER OR LAB:
2018-01-05	DATE:	SCS Global Services
	2020-01-31	

CERTIFICATION AND COMPLIANCE NOTES: **SCS Indoor Advantage Gold Certified - SCS-IAQ-04802; Indoor Air Quality Certified to SCS-EC10.3-2014e v4.0. Conforms to the CDPH/EHLB Standard Method (CA 01350) v1.2-2017 for the school classroom, private office, and single-family residence parameters for wall-coverings.**

RECYCLED CONTENT

SCS Recycled Content Certification - Products

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **ALL**

CERTIFICATE URL:

https://www.scs-certified.com/products/cert_pdfs/Aristech_2018_SCS-MC-01332_s.pdf

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2018-12-01	2019-11-30	SCS Global Services

CERTIFICATION AND COMPLIANCE NOTES: **Conforms to the SCS Recycled Content Standard V7-0 for an Minimum 40% Pre-Consumer Recycled Polymer Content. Material quantification is calculated by a mass-balance on a dry-weight basis.**

OTHER

Environmental Product Declaration (EPD) by SCS

CERTIFYING PARTY: **Self-declared**

APPLICABLE FACILITIES: **ALL**

CERTIFICATE URL:

https://aristechsurfaces.com/SCS-EPD-05007_StudioCollection_060818.pdf

ISSUE DATE: **2018-06-08**

EXPIRY DATE: **2023-06-07**

CERTIFIER OR LAB: **SCS Global Services**

CERTIFICATION AND COMPLIANCE NOTES:

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

Section 5: General Notes

Aristech 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 100ppm threshold.



MANUFACTURER INFORMATION

MANUFACTURER: **Aristech Surfaces, LLC**
 ADDRESS: **1945 Highway 304**
Belen NM 87002, USA
 WEBSITE: **www.aristechsurfaces.com**

CONTACT NAME: **Sebastian Joseph**
 TITLE: **Director, R&D**
 PHONE: **(859) 538-4868**
 EMAIL: **sjoseph@aristechsurfaces.com**

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

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

GreenScreen (GS)

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

Recycled Types

PreC Preconsumer (Post-Industrial)
PostC Postconsumer
Both Both Preconsumer and Postconsumer
Unk Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.