

CLASSIFICATION: 12 05 13.00

PRODUCT DESCRIPTION: FURNISHINGS: FABRICS

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

One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.

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

ANAGRAM | POLYETHYLENE TEREPHTHALATE (PET) LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END ANTIMONY TRIOXIDE BM-1 | CAN | MUL SODIUM DODECYLBENZENE SULFONATE LT-P1 | MUL STYRENE ACRYLIC ACID COPOLYMER (PRIMARY CASRN IS 25085-34-1) (STYRENE ACRYLIC ACID COPOLYMER (PRIMARY CASRN IS 25036-16-2)) LT-UNK QUARTZ (MINSPAR) LT-1 | CAN ACRYLIC ACID POLYMER Not Screened 9,10-ANTHRACENEDIONE, 1,5-DIAMINOCHLORO-4,8-DIHYDROXY- LT-UNK UNDISCLOSED LT-P1 | PBT UNDISCLOSED LT-UNK BENZENESULFONAMIDE, 4-[(4-ETHOXYPHENYL)AMINO]-N,N-DIMETHYL-3-NITRO- LT-UNK 9,10-ANTHRACENEDIONE, 1-AMINO-4-HYDROXY-2-[(6-HYDROXYHEXYL)OXY]- LT-UNK BENZENESULFONAMIDE, N-(4-AMINO-9,10-DIHYDRO-3- METHOXY-9,10-DIOXO-1-ANTHRACENYL)- LT-UNK PROPANENITRILE, 3-((2-(ACETYLOXY)ETHYL)(4-(2-(6-NITRO-2-BENZOTHAZOLYL)DIAZENYL)PHENYL)AMINO)- (PRIMARY CASRN IS 68133-69-7) LT-UNK C.I. DISPERSE ORANGE 30 (PRIMARY CASRN IS 5261-31-4) LT-P1 | PBT]

Number of Greenscreen BM-4/BM3 contents ... 0

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Inventoried to 100 PPM for available information. Where suppliers decline to disclose ingredients, inventoried to GHS SDS.

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: UL/GreenGuard Gold Certified

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2019-05-07

PUBLISHED DATE: 2019-05-07

EXPIRY DATE: 2022-05-07



Section 2: Content in Descending Order of Quantity

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

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

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1, available on the HPDC website at: www.hpdc-collaborative.org/hpd-2-1-standard

ANAGRAM

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals limited to catalyst and a dyebath additive.

OTHER PRODUCT NOTES: Nominal 90% polyester

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-05-07

#: 99.65 - 99.65

GS: LT-UNK

RC: Both

NANO: No

ROLE: Fiber

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: 59% pre-consumer recycled polyester, 41 % post-consumer recycled polyester

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-05-07

#: 0.30 - 0.30

GS: LT-1

RC: None

NANO: No

ROLE: Fiber delustrant

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: Fiber delustrant, bound in polymer

ANTIMONY TRIOXIDE

ID: 1309-64-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-05-07**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
CANCER	Japan - GHS	Carcinogenicity - Category 1B

SUBSTANCE NOTES: Residual catalyst, bound in the polymer

SODIUM DODECYLBENZENE SULFONATE

ID: 25155-30-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-05-07**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Dye leveler residual substance

STYRENE ACRYLIC ACID COPOLYMER (PRIMARY CASRN IS 25085-34-1) (STYRENE ACRYLIC ACID COPOLYMER (PRIMARY CASRN IS 25036-16-2))

ID: 856646-65-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-05-07**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES: Fabric back coating polymer

QUARTZ (MINSPAR)

ID: 14808-60-7

%: **37.20 - 37.20**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens
CANCER	Japan - GHS	Carcinogenicity - Category 1A
CANCER	Australia - GHS	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: **Bound in acrylic polymer****ACRYLIC ACID POLYMER**ID: **Unknown**%: **Impurity/Residual**GS: **Not Screened**RC: **None**NANO: **No**ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
		Hazard Screening not performed

SUBSTANCE NOTES: **Not disclosed by manufacturer. Undisclosed-Proprietary. No documentation submitted.****9,10-ANTHRACENEDIONE, 1,5-DIAMINOCHLORO-4,8-DIHYDROXY-**ID: **12217-79-7**%: **99.00 - 99.90**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Blue Dye ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
		No hazards found

SUBSTANCE NOTES:

UNDISCLOSED

%: **90.00 - 95.00** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Dye ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

PBT EC - CEPA DSL Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)SUBSTANCE NOTES: **Red dye ingredient****UNDISCLOSED**%: **90.00 - 95.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Dye ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: **Dye ingredient****BENZENESULFONAMIDE, 4-[(4-ETHOXYPHENYL)AMINO]-N,N-DIMETHYL-3-NITRO-**ID: **67338-59-4**%: **90.00 - 95.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Dye ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: **Dye ingredient****9,10-ANTHRACENEDIONE, 1-AMINO-4-HYDROXY-2-[(6-HYDROXYHEXYL)OXY]-**ID: **34231-26-0**%: **90.00 - 95.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Dye ingredients**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: **Dye ingredients****BENZENESULFONAMIDE, N-(4-AMINO-9,10-DIHYDRO-3-METHOXY-9,10-DIOXO-1-ANTHRACENYL)-**ID: **69563-51-5**

%: **90.00 - 95.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Dye ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: **Dye ingredient****PROPANENITRILE, 3-((2-(ACETYLOXY)ETHYL)(4-(2-(6-NITRO-2-BENZOTHAZOLYL)DIAZENYL)PHENYL)AMINO)- (PRIMARY CASRN IS 68133-69-7)**ID: **58051-98-2**%: **90.00 - 95.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Dye ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: **Dye ingredient****C.I. DISPERSE ORANGE 30 (PRIMARY CASRN IS 5261-31-4)**ID: **12223-23-3**%: **90.00 - 95.00**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Dye ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

PBT**EC - CEPA DSL****Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)**SUBSTANCE NOTES: **Dye ingredient**

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

UL/GreenGuard Gold Certified

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2017-**

EXPIRY DATE:

CERTIFIER OR LAB: **Greenguard**

APPLICABLE FACILITIES: **All**

03-05

CERTIFICATE URL:

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

Undisclosed-Proprietary. All information provided by suppliers. No documentation submitted.



MANUFACTURER INFORMATION

MANUFACTURER: **C.F. Stinson, LLC**
 ADDRESS: **2849 Product Drive**
Rochester Hills MI 48309, USA
 WEBSITE: **www.cfstinson.com**

CONTACT NAME: **Glenn Stinson**
 TITLE: **COO**
 PHONE: **248-299-3800**
 EMAIL: **customerrelations@cfstinson.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.