

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

COMEBACK [ POLICAPRAM (PRIMARY CASRN IS 25038-54-4) (NYLON 6) LT-UNK 2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH BUTYL 2-PROPENOATE AND ETHENYL BENZENE (STYRENE ACRYLIC CO-POLYMER) LT-UNK QUARTZ (MINSPAR) LT-1 | CAN COLORANTS Not Screened POLY(CHOLINE CHLORIDE METHACRYLATE-CO-2-ETHOXYETHYL ACRYLATE-CO-GLYCIDYL METHACRYLATE-CO-N-METHYLPERFLUORO OCTANESULFONAMIDOETHYL ACRYLATE) NoGS DIPPYPROPYLENE GLYCOL LT-UNK CARBON BLACK LT-1 | CAN TITANIUM DIOXIDE LT-1 | CAN | END ]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1  
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Inventory to 100 PPM when available, per GHS SDS when not. About 96% of the product weight is characterized and screened

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.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### COMEBACK

PRODUCT THRESHOLD: **Other**

RESIDUALS AND IMPURITIES CONSIDERED: **Partially**

RESIDUALS AND IMPURITIES NOTES: Residuals considered where available through supplier disclosures

OTHER PRODUCT NOTES: Colorant information not disclosed by suppliers. Approximately 96% of product weight has been characterized and screened to 100 PPM

#### **POLICAPRAM (PRIMARY CASRN IS 25038-54-4) (NYLON 6)**

ID: **675840-08-1**

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

HAZARD SCREENING DATE: **2019-05-07**

#: **89.00 - 91.00**

GS: **LT-UNK**

RC: **PreC**

NANO: **No**

ROLE: **Fiber**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: 50% Pre-Consumer Recycled Nylon 6 (CAS 250838-54-4)

#### **2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH BUTYL 2-PROPENOATE AND ETHENYLBENZENE (STYRENE ACRYLIC CO-POLYMER)**

ID: **25036-16-2**

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

HAZARD SCREENING DATE: **2019-05-07**

#: **1.40 - 5.10**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Backcoating Polymer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: Primary back coating polymer - acrylic back coating

#### **QUARTZ (MINSPAR)**

ID: **14808-60-7**

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

HAZARD SCREENING DATE: **2019-05-07**

#: **2.70 - 3.30**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Coating 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: Coating Filler - Bound with the coating polymer

## COLORANTS

ID: **Not Registered**

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

HAZARD SCREENING DATE: **2019-05-07**

#: **2.00 - 3.00**

GS: **Not Screened**

RC: **None**

NANO: **No**

ROLE: **Colorant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES: Colorants for nylon - CAS # not provided. Colorants are free of IILB Red List and BIFMA e3 Chemicals of Concern to 100 PPM based on supplier declarations

## POLY(CHOLINE CHLORIDE METHACRYLATE-CO-2-ETHOXYETHYL ACRYLATE-CO-GLYCIDYL METHACRYLATE-CO-N-METHYLPERFLUOROOCETANESULFONAMIDOETHYL ACRYLATE)

ID: **92265-81-1**

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

HAZARD SCREENING DATE: **2019-05-07**

#: **0.15 - 0.23**

GS: **NoGS**

RC:

**None**

NANO:

**No**

ROLE: **C6**

**fluoropolymer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

SUBSTANCE NOTES: Water and Oil repellent treatment

## DIPROPYLENE GLYCOL

ID: **25265-71-8**

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

HAZARD SCREENING DATE: **2019-05-07**

%: **Impurity/Residual** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

No hazards found

SUBSTANCE NOTES: **Repellent treatment dispersant**

## CARBON BLACK

ID: **1333-86-4**

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

HAZARD SCREENING DATE: **2019-05-07**

%: **0.00 - 0.43** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Colorant ingredient**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

CANCER US CDC - Occupational Carcinogens Occupational Carcinogen

CANCER CA EPA - Prop 65 Carcinogen - specific to chemical form or exposure route

CANCER IARC Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

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

SUBSTANCE NOTES: **Colorant ingredients - Amount varies by fabric color. Bound in the Nylon 6 polymer**

## TITANIUM DIOXIDE

ID: **13463-67-7**

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

HAZARD SCREENING DATE: **2019-05-07**

%: **0.00 - 0.22** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Colorant ingredient**

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: **Amount varies by fabric color. Bound in the Nylon 6 polymer**

## 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**

**05-08**

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

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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

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

### Hazard Types

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

### GreenScreen (GS)

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

### Recycled Types

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

### Other Terms

#### Inventory Methods:

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

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

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

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

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

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

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