

CLASSIFICATION: 12 05 13.00 FURNISHINGS: FABRICS

created via: HPDC Online Builder

PRODUCT DESCRIPTION: THE BOLLYWOOD LINE OF FABRICS IS COMPOSED OF VINYL COATED POLYESTER COLORED YARNS FOR MULTI-USE IN VARIOUS COMMERCIAL INTERIOR APPLICATIONS INCLUDING WALL-COVERING, UPHOLSTERY, OR SHADES. THESE FABRICS OFFER EXCELLENT DURABILITY, CLEAN-ABILITY, AND STABILITY AND PASS STANDARDS SET FORTH BY ACT (ASSOCIATION OF CONTRACT TEXTILES).

**Section 1: Summary**

**CONTENT INVENTORY**

- |  |  |
|--|--|
| Threshold per material                     | Residuals and impurities considered in 1 of 1 materials        |
| <input type="radio"/> 100 ppm              | <input checked="" type="radio"/> see Section 2: Material Notes |
| <input checked="" type="radio"/> 1,000 ppm | <input checked="" type="radio"/> see Section 5: General Notes  |
| <input type="radio"/> Per GHS SDS          |  |
| <input type="radio"/> Per OSHA MSDS        |  |
| <input type="radio"/> Other                |  |

Based on the selected Content Inventory Threshold:

- |   |                                  |                       |
|---|----------------------------------|-----------------------|
| Characterized.....  | <input checked="" type="radio"/> | <input type="radio"/> |
| Are the Percent Weight and Role provided for all substances?                    | Yes                              | No                    |
| Screened.....   | <input checked="" type="radio"/> | <input type="radio"/> |
| Are all substances screened using Priority Hazard Lists with results disclosed? | Yes                              | No                    |
| Identified.....   | <input checked="" type="radio"/> | <input type="radio"/> |
| Are all substances disclosed by Name (Specific or Generic) and Identifier?      | Yes                              | No                    |

**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.

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

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

VINYL COATED POLYESTER YARN [ POLYVINYL CHLORIDE (PVC) **LT-UNK** | RES POLYETHYLENE TEREPHTHALATE (PET) **LT-UNK** **UNDISCLOSED #1** **BM-1** | CAN | END | DEV | MUL | REP **UNDISCLOSED #2** **UNK** **UNDISCLOSED #3** **UNK** **UNDISCLOSED #4** **LT-P1** | SKI | AQU **UNDISCLOSED #5** **UNK** **UNDISCLOSED #6** **LT-1** | CAN **UNDISCLOSED #7** **LT-1** | CAN **UNDISCLOSED #8** **BM-3** **UNDISCLOSED #9** **UNK** **UNDISCLOSED #10** **UNK** **UNDISCLOSED #11** **LT-1** | CAN **UNDISCLOSED #12** **UNK** **UNDISCLOSED #13** **UNK** **UNDISCLOSED #14** **UNK** **UNDISCLOSED #15** **UNK** **UNDISCLOSED #16** **UNK** ]

**INVENTORY AND SCREENING NOTES:**

**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

VOC Content data is not applicable for this product category.

**CERTIFICATIONS AND COMPLIANCE**

No certifications have been added to this HPD.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: October 13, 2016	EXPIRY DATE*: October 13, 2019
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: October 13, 2016	* or within 3 months of significant change in product contents

\*See HPDC website for details



## Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: [www.hpd-collaborative.org](http://www.hpd-collaborative.org) and [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org).

### VINYL COATED POLYESTER YARN

%: 100.0000 - 130.7900

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: The vinyl coated polyester yarn is composed of a core component (yarn) and vinyl components (colorants and compounds). The percent ranges account for the various colorant and compound options for the Bollywood Line of Fabrics.

#### POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: 45.3200 - 53.7500

GS: LT-UNK

RC: None

NANO: NO

ROLE: Vinyl Component

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

#### POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

%: 31.8400 - 31.8400

GS: LT-UNK

RC: None

NANO: NO

ROLE: Core Component

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### UNDISCLOSED #1

ID: Undisclosed

%: 17.1000 - 17.1000

GS: BM-1

RC: None

NANO: NO

ROLE: Vinyl Component

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

CANCER

CA EPA - Prop 65

Carcinogen

ENDOCRINE

EU - Priority Endocrine Disruptors

Category 2 - In vitro evidence of biological activity related to Endocrine Disruption

DEVELOPMENTAL

US NIH - Reproductive & Developmental Monographs

Some Evidence of Adverse Effects - Developmental Toxicity

RESTRICTED LIST

US EPA - PPT Chemical Action Plans

EPA Chemical of Concern - Action Plan published

RESTRICTED LIST	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - Action Plan in development
ENDOCRINE	ChemSec - SIN List	Endocrine Disruption
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
REPRODUCTIVE	US EPA - PPT Chemical Action Plans	Reproductive effects

SUBSTANCE NOTES: Proprietary CAS #

UNDISCLOSED #2

ID: Undisclosed

%: 6.8400 - 6.8400	GS: UNK	RC: None	NANO: NO	ROLE: Vinyl Component
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**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: ToxServices worked with the material supplier to obtain proprietary information. The supplier was only able to provide a completed HPD as an alternate to providing the full formulation disclosure, including the hazards associated with each chemical ingredient. Therefore, the above stated hazards were provided via an HPD from the material supplier, and were not determined by ToxServices via the use of the Pharos List Translator.

UNDISCLOSED #3

ID: Undisclosed

%: 3.4200 - 3.4200	GS: UNK	RC: None	NANO: NO	ROLE: Vinyl Component
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**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: ToxServices worked with the material supplier to obtain proprietary information. The supplier was only able to provide a completed HPD as an alternate to providing the full formulation disclosure, including the hazards associated with each chemical ingredient. Therefore, the above stated hazards were provided via an HPD from the material supplier, and were not determined by ToxServices via the use of the Pharos List Translator.

UNDISCLOSED #4

ID: Undisclosed

%: 0.6800 - 0.6800	GS: LT-P1	RC: None	NANO: NO	ROLE: Vinyl Component
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**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects

SUBSTANCE NOTES: ToxServices worked with the material supplier to obtain proprietary information. The supplier was only able to provide a completed HPD as an alternate to providing the full formulation disclosure, including the hazards associated with each chemical ingredient. Therefore, the above stated hazards were provided via an HPD from the material supplier, and were not determined by ToxServices via the use of the Pharos List Translator.

UNDISCLOSED #5

ID: Undisclosed

%: 0.0000 - 6.8400      GS: UNK      RC: None      NANO: NO      ROLE: Vinyl Component

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: ToxServices worked with the material supplier to obtain proprietary information. The supplier was only able to provide a completed HPD as an alternate to providing the full formulation disclosure, including the hazards associated with each chemical ingredient. Therefore, the above stated hazards were provided via an HPD from the material supplier, and were not determined by ToxServices via the use of the Pharos List Translator.

UNDISCLOSED #6

ID: Undisclosed

%: 0.0000 - 3.4200      GS: LT-1      RC: None      NANO: NO      ROLE: Vinyl Component

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

SUBSTANCE NOTES: ToxServices worked with the material supplier to obtain proprietary information. The supplier was only able to provide a completed HPD as an alternate to providing the full formulation disclosure, including the hazards associated with each chemical ingredient. Therefore, the above stated hazards were provided via an HPD from the material supplier, and were not determined by ToxServices via the use of the Pharos List Translator.

UNDISCLOSED #7

ID: Undisclosed

%: 0.0000 - 2.0600      GS: LT-1      RC: None      NANO: NO      ROLE: Vinyl Component

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen (form-specific or based on limited exposure pathways)

CANCER

IARC

Group 2b: Possibly carcinogenic to humans - inhaled from occupational sources

CANCER

MAK

Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: ToxServices worked with the material supplier to obtain proprietary information. The supplier disclosed to the ingredient level of 1000 ppm. The chemical composition was not confirmed for each ingredient at 100%, and the CAS# provided for each was assumed to represent the ingredient.

**UNDISCLOSED #8**

ID: Undisclosed

%: 0.0000 - 1.1700	GS: BM-3	RC: None	NANO: NO	ROLE: Vinyl Component
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: ToxServices worked with the material supplier to obtain proprietary information. The supplier disclosed to the ingredient level of 1000 ppm. The chemical composition was not confirmed for each ingredient at 100%, and the CAS# provided for each was assumed to represent the ingredient.

**UNDISCLOSED #9**

ID: Undisclosed

%: 0.0000 - 0.9200	GS: UNK	RC: None	NANO: NO	ROLE: Vinyl Component
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: ToxServices worked with the material supplier to obtain proprietary information. The supplier disclosed to the ingredient level of 1000 ppm. The chemical composition was not confirmed for each ingredient at 100%, and the CAS# provided for each was assumed to represent the ingredient.

**UNDISCLOSED #10**

ID: Undisclosed

%: 0.0000 - 0.8800	GS: UNK	RC: None	NANO: NO	ROLE: Vinyl Component
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: ToxServices worked with the material supplier to obtain proprietary information. The supplier disclosed to the ingredient level of 1000 ppm. The chemical composition was not confirmed for each ingredient at 100%, and the CAS# provided for each was assumed to represent the ingredient.

**UNDISCLOSED #11**

ID: Undisclosed

%: 0.0000 - 0.6300	GS: LT-1	RC: None	NANO: NO	ROLE: Vinyl Component
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen (form-specific or based on limited exposure pathways)

CANCER

IARC

Group 2b: Possibly carcinogenic to humans - inhaled from occupational sources

CANCER

MAK

Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: ToxServices worked with the material supplier to obtain proprietary information. The supplier disclosed to the ingredient level of 1000 ppm. The chemical composition was not confirmed for each ingredient at 100%, and the CAS# provided for each was assumed to represent the ingredient.

UNDISCLOSED #12

ID: Undisclosed

%: 0.0000 - 0.4600      GS: UNK      RC: None      NANO: NO      ROLE: Vinyl Component

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: ToxServices worked with the material supplier to obtain proprietary information. The supplier disclosed to the ingredient level of 1000 ppm. The chemical composition was not confirmed for each ingredient at 100%, and the CAS# provided for each was assumed to represent the ingredient.

UNDISCLOSED #13

ID: Undisclosed

%: 0.0000 - 0.4200      GS: UNK      RC: None      NANO: NO      ROLE: Vinyl Component

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: ToxServices worked with the material supplier to obtain proprietary information. The supplier disclosed to the ingredient level of 1000 ppm. The chemical composition was not confirmed for each ingredient at 100%, and the CAS# provided for each was assumed to represent the ingredient.

UNDISCLOSED #14

ID: Undisclosed

%: 0.0000 - 0.1500      GS: UNK      RC: None      NANO: NO      ROLE: Vinyl Component

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: ToxServices worked with the material supplier to obtain proprietary information. The supplier disclosed to the ingredient level of 1000 ppm. The chemical composition was not confirmed for each ingredient at 100%, and the CAS# provided for each was assumed to represent the ingredient.

UNDISCLOSED #15

ID: Undisclosed

%: 0.0000 - 0.1100      GS: UNK      RC: None      NANO: NO      ROLE: Vinyl Component

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: ToxServices worked with the material supplier to obtain proprietary information. The supplier disclosed to the ingredient level of 1000 ppm. The chemical composition was not confirmed for each ingredient at 100%, and the CAS# provided for each was assumed to represent the ingredient.

UNDISCLOSED #16

ID: Undisclosed

%: 0.0000 - 0.1100

GS: UNK

RC: None

NANO: NO

ROLE: Vinyl Component

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: ToxServices worked with the material supplier to obtain proprietary information. The supplier disclosed to the ingredient level of 1000 ppm. The chemical composition was not confirmed for each ingredient at 100%, and the CAS# provided for each was assumed to represent the 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.



### 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.



### Section 5: General Notes



## MANUFACTURER INFORMATION

MANUFACTURER: Phifer

CONTACT NAME: Hugo Benitez

ADDRESS: P.O. Box 1700  
Tuscaloosa, AL 35403  
USA

TITLE: National Market Manager- Designed Fabrics

PHONE: 1-800-221-5497

WEBSITE: <http://www.phifer.com/designedfabrics/productfull/murotex> EMAIL: <http://www.phifer.com/contactus>

## 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) BM-2 Benchmark 2 (use but search for safer substitutes)

**LT-1** List Translator Likely Benchmark 1

**BM-1** Benchmark 1 (avoid - chemical of high concern)

**LT-UNK** List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

**BM-U** Benchmark Unspecified (insufficient data to benchmark)

**UNK** Unknown (no data on List Translator Lists)

### 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

**Nano** Composed of nanoscale particles or nanotechnology

### Declaration Level

**Self-declared** Manufacturer's self-declaration (First Party)

**Independent Lab** Manufacturer's self-declaration using results from an independent lab

**Second Party** Verification by trade association or other interested party

**Third Party** Verification by independent certifier

**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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

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

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.