

# Sunbrella® Contract Solution Dyed Polyester/Acrylic with Assure by Glen Raven Custom Fabrics, LLC - Sunbury Division

## Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 12 05 13.00 Furnishings: Fabric

PRODUCT DESCRIPTION: Cleanable, Beautiful, Sophisticated, and Soft to the touch Sunbrella Contract 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  
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**

**SUNBRELLA® CONTRACT SOLUTION DYED POLYESTER/ACRYLIC WITH ASSURE [ ACRYLIC FIBER NoGS POLYETHYLENE TEREPHTHALATE LT-UNK NON-FLUORINATED WATER REPELLENT NoGS ACRYLIC BACKING LT-UNK CROSSLINKER LT-UNK ]**

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

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

##### INVENTORY AND SCREENING NOTES:

No residuals or impurities are expected to be present at or above content inventory threshold that return a GreenScreen score of BM-1, LT-1, or LT-P1

#### 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: GreenGuard Gold  
Multi-attribute: facts® Silver

#### CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes  
 No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-01-30

PUBLISHED DATE: 2020-01-30

EXPIRY DATE: 2023-01-30



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

## SUNBRELLA® CONTRACT SOLUTION DYED POLYESTER/ACRYLIC WITH ASSURE

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED:  
Yes

RESIDUALS AND IMPURITIES NOTES: No residual or impurities are expected to be present at or above content inventory threshold that return a GS score of BM-1, LT-1, or LT-P1

OTHER PRODUCT NOTES: Manufacturer has opted for the basic inventory display – chemical substances are listed by weight in the entire product instead of grouped by material

### ACRYLIC FIBER

ID: 63231-45-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-01-30

#: 50.00 - 82.00 GS: NoGS RC: None NANO: No ROLE: Sunbrella Acrylic fiber

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: CAS number used for screening but not disclosed to protect supply chain.

### POLYETHYLENE TEREPHTHALATE

ID: 25038-59-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-01-30

#: 14.72 - 39.00 GS: LT-UNK RC: None NANO: Unknown ROLE: Polyester fiber

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: CAS number used for screening but not disclosed to protect supply chain.

### NON-FLUORINATED WATER REPELLENT

ID: 264888-31-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-01-30

#: 1.00 - 10.00 GS: NoGS RC: None NANO: No ROLE: water repellent

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: CAS number used for screening but not disclosed to protect supply chain.

### ACRYLIC BACKING

ID: 25085-39-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-01-30

#: 0.00 - 10.00 GS: LT-UNK RC: None NANO: No ROLE: Acrylic Backing

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: CAS number used for screening but not disclosed to protect supply chain.

### CROSSLINKER

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-01-30

#: 0.00 - 1.00 GS: LT-UNK RC: None NANO: No ROLE: crosslinker

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: CAS number used for screening but not disclosed to protect supply chain.

## 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

### GreenGuard Gold

CERTIFYING PARTY: **UL Environment**

ISSUE DATE: **2007-**

EXPIRY DATE: **2020-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **All**

**08-14**

**08-14**

**Environment**

CERTIFICATE URL: [https://spot.ul.com/main-app/products/detail/5ad1ea8255b0e82d946a513d?page\\_type=Products%20Catalog](https://spot.ul.com/main-app/products/detail/5ad1ea8255b0e82d946a513d?page_type=Products%20Catalog)

CERTIFICATION AND COMPLIANCE NOTES: **GreenGuard Gold certification**

### MULTI-ATTRIBUTE

### facts® Silver

CERTIFYING PARTY: **UL Environment**

ISSUE DATE: **2014-**

EXPIRY DATE: **2019-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **All**

**03-03**

**06-11**

**Environment**

CERTIFICATE URL: [https://spot.ul.com/main-app/products/detail/5ad1ea8255b0e82d946a513d?page\\_type=Products%20Catalog](https://spot.ul.com/main-app/products/detail/5ad1ea8255b0e82d946a513d?page_type=Products%20Catalog)

CERTIFICATION AND COMPLIANCE NOTES: **facts® Silver Third Party Certification NSF/ANSI 336 Certified by UL Environment**

## 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

No notes have been added to this section.



## MANUFACTURER INFORMATION

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MANUFACTURER: **Glen Raven Custom Fabrics, LLC - Sunbury Division**  
 ADDRESS: **1831 N. Park Avenue**  
**Burlington North Carolina 27217, United States**  
 WEBSITE: **www.SunbrellaContract.com**

CONTACT NAME: **Allen Hawks**  
 TITLE: **Marketing Manager**  
 PHONE: **3362212143**  
 EMAIL: **ahawks@glenraven.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.*