

# EuroTwill® Reversible Weave 6000 Series (3% open) & 6200 Series (1% open) by Mecho

## Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 12 24 13.00

PRODUCT DESCRIPTION: This series is composed of a technically advanced material woven in a 2 x 2 basket-weave pattern. Its weave provides a uniform scrim effect at the window wall with an appropriate density for sun control.

### 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**

**EUROTWILL® REVERSIBLE WEAVE 6000 SERIES (3% OPEN) & 6200 SERIES (1% OPEN) [ POLYVINYL CHLORIDE (PVC) LT-P1 | RES POLYETHYLENE TEREPHTHALATE (PET) LT-UNK PROPRIETARY BM-3dg LIMESTONE, CALCIUM CARBONATE LT-UNK PROPRIETARY LT-P1 PROPRIETARY LT-1 | CAN | END PROPRIETARY BM-1 | CAN | MUL PROPRIETARY LT-1 | AQU | CAN PROPRIETARY LT-P1 | DEL | AQU | MAM | END | CAN PROPRIETARY LT-UNK ]**

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:

The content inventory was prepared by MBDC. Inputs were assessed to the 100 ppm threshold for the whole material.

#### 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 (previously Children & Schools)

#### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2019-08-21

PUBLISHED DATE: 2019-09-11

EXPIRY DATE: 2022-08-21



## 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)

### EUROTWILL® REVERSIBLE WEAVE 6000 SERIES (3% OPEN) & 6200 SERIES (1% OPEN)

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED:

Yes

RESIDUALS AND IMPURITIES NOTES: Manufacturer has chosen to use the "Basic Inventory Method" with a reporting threshold of 100 ppm for the Product; then R/I should be considered to at least 100 ppm for the whole product.

OTHER PRODUCT NOTES:

#### POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-08-21

#: 43.00

GS: LT-P1

RC: None

NANO: No

ROLE: Base Resin

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

#### POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-08-21

#: 24.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Core Yarn

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

#### PROPRIETARY

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-08-21

#: 16.00

GS: BM-3dg

RC: None

NANO: No

ROLE: Plasticizer

| HAZARD TYPE  | AGENCY AND LIST TITLES | WARNINGS                                       |
|--|------------------------|--|
| None found   |                        | No warnings found on HPD Priority Hazard Lists |
| SUBSTANCE NOTES: This is a plasticizer in the formulation. |                        |  |

**LIMESTONE, CALCIUM CARBONATE**

ID: 1317-65-3

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library |                        | HAZARD SCREENING DATE: 2019-08-21              |          |              |
|--|------------------------|--|----------|--------------|
| #: 9.00  | GS: LT-UNK             | RC: None                                       | NANO: No | ROLE: Filler |
| HAZARD TYPE  | AGENCY AND LIST TITLES | WARNINGS                                       |          |              |
| None found   |                        | No warnings found on HPD Priority Hazard Lists |          |              |
| SUBSTANCE NOTES:   |                        |  |          |              |

**PROPRIETARY**

ID: Undisclosed

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library |                        | HAZARD SCREENING DATE: 2019-08-21              |          |                       |
|--|------------------------|--|----------|-----------------------|
| #: 3.00  | GS: LT-P1              | RC: None                                       | NANO: No | ROLE: Heat Stabilizer |
| HAZARD TYPE  | AGENCY AND LIST TITLES | WARNINGS                                       |          |                       |
| None found   |                        | No warnings found on HPD Priority Hazard Lists |          |                       |
| SUBSTANCE NOTES: This is a heat stabilizer for formulation     |                        |  |          |                       |

**PROPRIETARY**

ID: Undisclosed

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library |                                       | HAZARD SCREENING DATE: 2019-08-21  |          |              |
|--|---------------------------------------|--|----------|--------------|
| #: 1.00  | GS: LT-1                              | RC: None   | NANO: No | ROLE: Filler |
| 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: This is a filler in the formulation.

PROPRIETARY

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2019-08-21**

#: **1.00** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Flame Retardant**

| 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      | GHS - Japan                    | Carcinogenicity - Category 1B [H350]                       |

SUBSTANCE NOTES: This is a flame retardant in the formulation.

PROPRIETARY

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2019-08-21**

#: **1.00** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Flame Retardant**

| HAZARD TYPE   | AGENCY AND LIST TITLES  | WARNINGS   |
|---------------|-------------------------|--|
| CHRON AQUATIC | EU - GHS (H-Statements) | H411 - Toxic to aquatic life with long lasting effects     |
| CANCER        | MAK                     | Carcinogen Group 2 - Considered to be carcinogenic for man |

SUBSTANCE NOTES: This is a flame retardant in the formulation.

PROPRIETARY

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2019-08-21**

#: **0.23** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Antimicrobial**

| HAZARD TYPE   | AGENCY AND LIST TITLES                        | WARNINGS  |
|---------------|---|---|
| DEVELOPMENTAL | G&L - Neurotoxic Chemicals                    | Developmental Neurotoxicant                                 |
| 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 |
| MAMMALIAN     | EU - GHS (H-Statements)                       | H301 - Toxic if swallowed                                   |
| MAMMALIAN     | EU - GHS (H-Statements)                       | H331 - Toxic if inhaled                                     |
| ENDOCRINE     | TEDX - Potential Endocrine Disruptors         | Potential Endocrine Disruptor                               |
| MAMMALIAN     | US EPA - EPCRA Extremely Hazardous Substances | Extremely Hazardous Substances                              |
| CANCER        | GHS - Korea                                   | Carcinogenicity - Category 1 [H350 - May cause cancer]      |

SUBSTANCE NOTES: This is an antimicrobial in the formulation

**PROPRIETARY**

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2019-08-21**

#: **0.23**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **UV Stabilizer**

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

SUBSTANCE NOTES: This is a UV Stabilizer in the formulation

## 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 (previously Children & Schools)

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2016-**

EXPIRY DATE: **2020-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **Edison, NJ; Reynosa, Mexico**

**06-03**

**06-03**

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



## MANUFACTURER INFORMATION

MANUFACTURER: **Mecho**

ADDRESS: **42-03 35th St**

**Long Island City NY 11101-2301, USA**

WEBSITE: <https://www.mechoshade.com/>

CONTACT NAME: **Rachel Berman**

TITLE: **Sustainability Program Manager**

PHONE: **+1 (718) 729-2020**

EMAIL: **Rachel.Berman@mechoshade.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

**CAN** Cancer

**DEV** Developmental toxicity

**END** Endocrine activity

**EYE** Eye irritation/corrosivity

**GEN** Gene mutation

**GLO** Global warming

**MAM** Mammalian/systemic/organ toxicity

**MUL** Multiple hazards

**NEU** Neurotoxicity

**OZO** Ozone depletion

**PBT** Persistent Bioaccumulative Toxic

**PHY** Physical Hazard (reactive)

**REP** Reproductive toxicity

**RES** Respiratory sensitization

**SKI** Skin sensitization/irritation/corrosivity

**LAN** Land Toxicity

**NF** Not found on Priority Hazard Lists

### GreenScreen (GS)

**BM-4** Benchmark 4 (prefer-safer chemical)

**BM-3** Benchmark 3 (use but still opportunity for improvement)

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

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

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

**LT-P1** List Translator Possible Benchmark 1

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

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

**NoGS** 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 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.*