



emma hayes



Brushstroke

Commercial grade wallcovering PVC Free

Design:	Brushstroke
Colour:	Silver
Pattern number:	EH029BSC
Description:	Commercial grade wallcovering "eco PVC free" Type II, PVC free, eco-friendly product, made with polyester/natural fibre technology. Meets or exceeds federal specification CCCW-408D
Printed width:	51" + 1" overlap (129.5cm +2.5cm overlap)
Substrate width:	54" (137cm)
Repeat:	Mural design, custom printed to fit wall space
Fire rating:	ASTM-E84 Tunnel Test Passed Class A CAN/ULC-S102 Passed all requirements NZ Group 2-S
Installation:	Pattern match, double cut on the wall
Weight:	14oz. per lineal yard (9.3oz. per square yard) 315.3g/m ²
Thickness:	0.022in 0.559mm
Sustainability:	PVC & POA (Olefin) free, No Plasticizers, No Chlorine, No Formaldehyde, No heavy metals NSF-342 - Certified for Silver compliance HPD - Health Product Declaration available EPD - Environmental Product Declaration available - UL third party certified for wallcovering industry average Low VOC - Meets California CDPH Standard for Schools and Offices when tested to CA 01350 Phthalate free formulation Prop 65 compliant Manufactured without the use of Brominated flame retardants Recycled Content - Minimum 31% post-consumer recycled content



Paste the paper

The adhesive should be applied to the reverse of the wallcovering before application to the wall.



Washable

Dirt and some domestic water-based stains may be cleaned carefully from the front face with a damp sponge and soapy water. Oils, fats and solvent-based stains are not expected to be removable. Refer full cleaning instructions overleaf.



Double cut

The wallpaper is overlapped and then cut through both layers. The excess pieces are then removed and the paper smoothed down to create a perfect butt join.



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Physicals	<p>A breathable, lightweight alternative to vinyl that meets Type II physicals including:</p> <p>ASTM E96 Permeability 66 Perms Passed WA 101 Minimum for Breathable Wallcovering (8 Perms)</p> <table><tr><td>Break strength</td><td>Tear strength</td></tr><tr><td>Cold crack</td><td>Heat Aging</td></tr><tr><td>Shrinkage</td><td>Stain resistance</td></tr><tr><td>Coating Adhesion (Bond)</td><td>Colorfastness</td></tr><tr><td>Washability</td><td>Scrubability</td></tr><tr><td>Blocking</td><td>Crocking</td></tr></table>	Break strength	Tear strength	Cold crack	Heat Aging	Shrinkage	Stain resistance	Coating Adhesion (Bond)	Colorfastness	Washability	Scrubability	Blocking	Crocking
Break strength	Tear strength												
Cold crack	Heat Aging												
Shrinkage	Stain resistance												
Coating Adhesion (Bond)	Colorfastness												
Washability	Scrubability												
Blocking	Crocking												
LEEDs eligibility	<p>Can contribute towards the earning of up to 7 LEED credits.</p> <p>MR Credit 4.1 Recycled content 10%</p> <p>MR Credit 4.2 Recycled content 20%</p> <p>Conditionally:</p> <p>MR Credit 2.1 Contribution to project recycling program</p> <p>MR Credit 2.2 Contribution to project recycling program</p> <p>MR Credit 5.1 Manufactured local to the new construction</p> <p>EQ Credit 4.1 When mounted with use of low emitting adhesives</p> <p>EQ Credit 4.6 Contribution to low VOC emitting wall construction</p> <p>Also eligible for LEED v4 credit contribution</p>												

**Permeable structure allows transfer of moisture to minimize possibility of mold and mildew growth. Terralon is intended for use in buildings that are properly designed and maintained to avoid moisture infiltration, condensation, and/or accumulation at wall cavities and wall surfaces, especially in warm, humid climates.
Note: All LEED credits are based on the total construction of a building. Terralon offers up to a 50% advantage over competitive products for achieving MR Credit 4.1 and MR Credit 4.2 because of its higher percentage of post consumer recycled products.



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INSTALLATION INSTRUCTIONS FOR HIGH PERFORMANCE COMMERCIAL GRADE TYPE II PVC -FREE WALLCOVERINGS

Please note: extra care must be taken during installation as this substrate is more susceptible to creasing than traditional vinyl wallcovering products. Important guidelines for contractors and suppliers — stop & read before installing

BEFORE YOU BEGIN

1. If the wallcovering is installed in a manner other than that recommended here, it is done at the sole risk of the installer and no claims will be accepted.

Likewise if you have any reservations or questions, please contact us BEFORE HANGING.

Use of a permeable mold inhibiting primer product and the use of a permeable adhesive containing a mildew inhibitor is recommended.

2. All labels shall be checked for accuracy by the installer to ensure that the shipment is received as ordered. Please refer to the install instructions and diagrams supplied within each package. Examination before hanging is the buyer's responsibility. No claim can be accepted for hanging incorrect wallcoverings or after wallcoverings have been cut and hung showing defects which were apparent at the time of hanging including any associated consequential loss.

3. If no defect is evident before installation, the material should be inspected after two panels are installed. If any defect is evident at this time (or at any point of the installation) no further material should be applied and we should be contacted IMMEDIATELY.

SURFACE PREPARATION

A. All hanging surfaces must be clean, smooth, dry, undamaged, free of mold, mildew, grease or stains, and structurally intact. All loose paint and other wallcoverings should be removed. If moisture is present, immediately identify and eliminate the source(s) of the moisture and verify that all wall surfaces are completely dry before proceeding.

B. Any mold or mildew MUST be removed from walls and hanging surfaces prior to installation. Walls should not contain in excess of 4% residual moisture content. A moisture meter should be used to determine moisture content. Moisture infiltration and accumulation can lead to mold or mildew growth and must be corrected PRIOR to the installation of the wallcovering. If you are

unsure if moisture problems are present, consult a qualified professional before proceeding. This product is intended for use in buildings that are properly designed and maintained to avoid moisture infiltration, condensation and or accumulation at wall cavities and wall surfaces, particularly in warm, humid climates. Walls should also be treated with bleach, Lysol and/or other approved, mildew –inhibiting products in order to inhibit further mildew growth. Manufacturer will not be responsible for any performance and/or quality issues if moisture problems are not addressed before installation, and/or if the building is not properly maintained to prevent moisture infiltration following installation.

C. Proper surface preparation is key to getting great results. To prepare the surface properly, we recommend that you prime all surfaces with a permeable, mold inhibiting wallcovering primer.

D. Use only a lead pencil for marking walls and back of wallcovering. Do not use ballpoint or marking pen, they will bleed through the surface.

E. Do not install wallcovering unless a temperature above 18°C / 65°F is maintained in both areas of installation and storage for at least 48 hours prior to installation.

ADHESIVE

Our Type II substrate is a highly permeable wallcovering and should be installed with a heavy duty adhesive and primer with mold and mildew inhibitors. Manufacturers such as Roman Decorating and Zinsser offer permeable adhesives and primers with advanced mold and mildew protection. Please check with these manufacturers for their latest products. Roman Eco brand primers and adhesives are recommended for compliance with NSF-342 sustainability.

In New Zealand, we recommend Roman Pro-880 adhesive.



Paste the paper



Washable



Double cut



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ADHESIVE APPLICATION

Do not dilute adhesive. Brush an even coat of paste over entire back of wallcovering. Gently double material together and “book” material for ten minutes. Do not fold or crease booked material.

SELECTING AND CUTTING WALLCOVERING

CAUTION: ALL CUTS ARE TO BE DONE WITH A SHARP, NEW BLADE EVERY TIME. A DULL BLADE WILL RESULT IN FRAYED EDGES AND POOR SEAMS.

A. Before cutting, examine goods to make certain pattern colour is satisfactory and as ordered. The installer should have a sample of wallcovering pattern for comparison. Please note a small colour variance between sample and production can be expected due to the inherent nature of the manufacturing process.

B. For installation of a custom design, please refer to the diagram supplied for panel installation.

APPLYING WALLCOVERING TO WALL SURFACE

1. Separate panels have been printed to include
- a 5cm / 2 inch overhang ceiling and base
- selvedge on each edge, along with a 2cm / 1 inch pattern overlap for double cut pattern match on the wall

3. Apply the recommended adhesive to the back using a paint roller. Work the adhesive in, to cover the back completely, especially near the edges. Mate each end toward the middle, pasted sides together, aligning the edges carefully so they do not dry out.

CAUTION: Do not crease wallcovering. Allow to “relax” for ten minutes (booking). This will allow the adhesive to penetrate the wallcovering fabric, which is important to a successful installation.

4. With all directional patterns, it is important to line up patterns at eye level allowing any drift in lineup to run off toward ceiling and floor. The standard allowance is one quarter of an inch up or down. If pattern is lined up at the ceiling the pattern will begin misalignment sooner and the gap will be larger. Also, most patterns will be viewed at eye level therefore it is that area that needs to look aligned. If there are any questions about pattern lineup, contact us. Be sure first drop of wallcovering is square on wall by plumbing the wall and using a level.

5. When installing, exact trimming and line up of the pattern is critical (See installation instructions specified to each design.)

6. Avoid burnishing the face of the material. Use a wallcovering brush or a plastic scraper to smooth the wallcovering onto the wall.

7. Do not rub. Do not allow vinyl adhesive to dry on surface as it may leave a white residue. Wash off excess paste from face of wallcovering as you hang it with a cellulose sponge. The cellulose sponge must be rinsed in clean water after every use. Blot dry with a clean cloth.

8. Overlap the second strip over the edge of the first strip. Tape seams underneath with a low adhesion painter's tape before overlapping and double cutting to avoid getting adhesive on the wallcovering. If paste does get on the vinyl, clean it off immediately with clean warm water and blot dry with a clean lint less towel. Use a soft bristle brush to wash the ceiling and the baseboard to remove any paste residue. Do not leave any overlap on the seams since vinyl will not adhere to itself. *Seams should be vertical, have a tight fit, and be free from air and paste bubbles.

9. After two panels are smoothed to wall surface and excess paste removed, examine the installed panels for color uniformity. Any objectionable variations in colormatch, pattern match, etc...should be immediately communicated to us for inspection before proceeding further with installation.

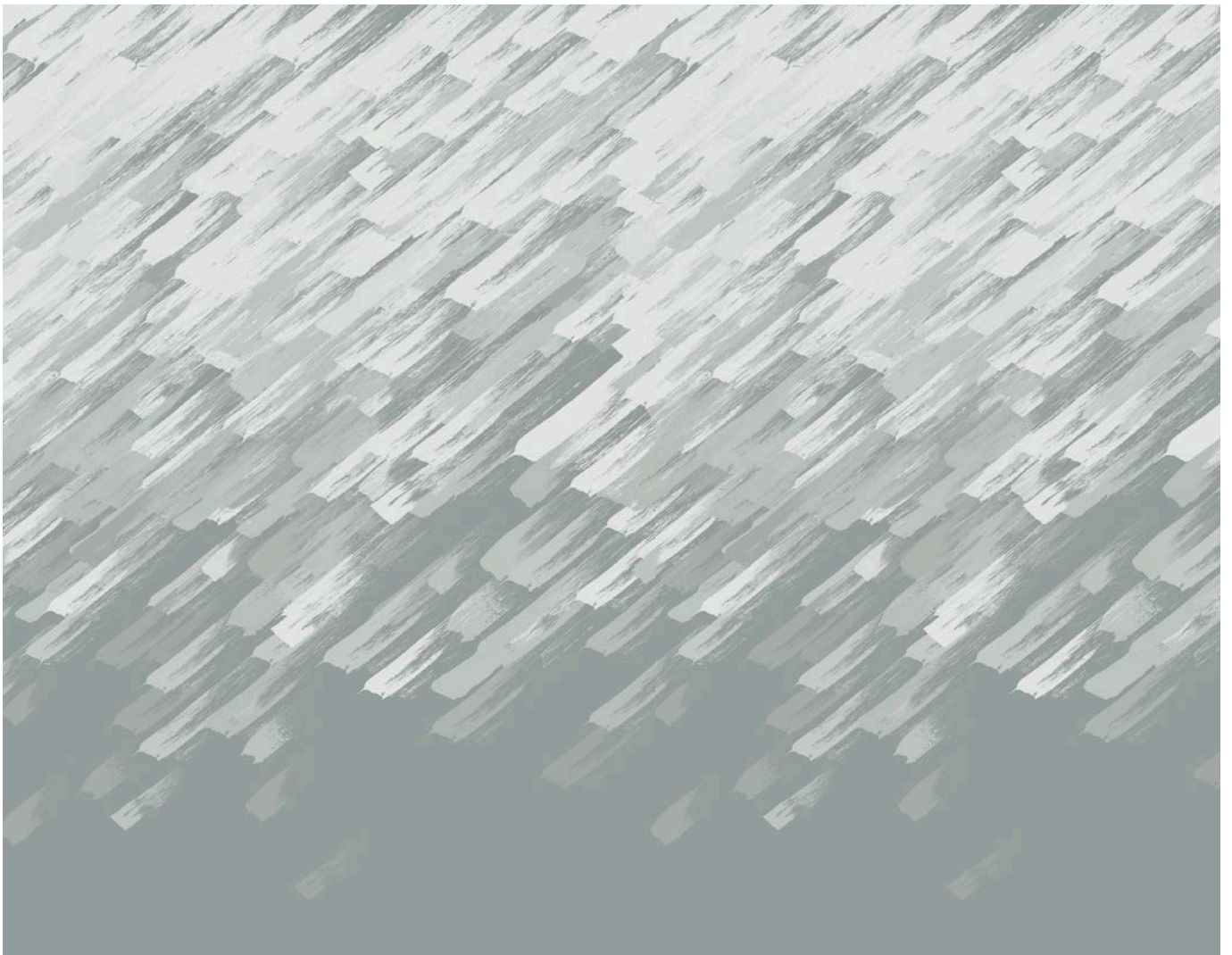
10. After installation, the walls and wallcovering should be monitored for potential moisture or vapor infiltration or accumulation. Any such infiltration/accumulation after installation must be promptly eliminated in order to reduce the risk of mold/mildew growth.



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Example of panel layout

Width 51" + 1" overlap
(129.5 cm + 2.5 cm)



MATERIAL SAFETY DATA SHEET

TERRALON WALLCOVERING

1. PRODUCT & COMPANY IDENTIFICATION

Roysons Corporation
40 Vanderhoof Avenue
Rockaway NJ 07866
Tel: (973) 625-5570

EMERGENCY TELEPHONE NO.: (973) 625-5570
TRADE NAME: Terralon Wallcovering
WALLCOVERING MSDS NUMBER: 003 Revision 0
PREPARED BY: Roysons Corporation
DATE OF ISSUE: 12/03/2010
DATE OF LATEST REVISION: 12/03/2010

2. INGREDIENTS

Component	CAS #	Percent	ACGIH (TLV)	OSHA (PEL)	Units
Proprietary					

3. HAZARDOUS IDENTIFICATION

There are no reportable quantities of hazardous ingredients are present
No toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present

4. FIRST AID MEASURES

Inhalation: N/A
Eyes: N/A
Skin: N/A
Ingestion: N/A

5. FIRE FIGHTING MEASURES

FLASH POINT: NA **LEL:** NA **UEL:** NA **AUTO IGN. TEMP.:** NA
Use water, dry chemical, or carbon dioxide to extinguish fires involving the product. Product in or near fires should be cooled with a water spray or fog if compatible with the other materials involved in the fire. A self contained breathing apparatus (SCBA) operating in the positive pressure mode and full fire fighting protective clothing should be worn for combating fires.

6. ACCIDENTAL RELEASE MEASURES

Pick up product and return to original packing if reusable. If not reusable, place in DOT approved containers for disposal.

7. HANDLING AND STORAGE

Store product at ambient temperatures out of contact with the elements. Keep from contact with strong mineral acids and oxidizers. Dusts and/or particulate matter that may be generated during handling or processing should be cleaned up by vacuuming or wet mopping.

8. EXPOSURE CONTROL - PERSONAL PROTECTION

ENGINEERING CONTROLS: N/A
RESPIRATORY: N/A
EYE PROTECTION: N/A
PROTECTIVE GLOVES: N/A
GENERAL: N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & PHYSICAL STATE: Various MELT POINT: N/A
VAPOR DENSITY (AIR=1): NA OCTANOL/WATER PARTITION COEFFICIENT: NA
VAPOR PRESSURE: NA EVAPORATION RATE: NA
ODOR: None SPECIFIC GRAVITY/BULK DENSITY: 1.4 - 1.5
% VOLATILE BY VOLUME: Not Volatile BOILING POINT: NA
% SOLUBILITY (H₂O): 100% pH: NA

10. STABILITY AND REACTIVITY

STABILITY & POLYMERIZATION: Product is stable.
INCOMPATIBILITY (CONDITIONS TO AVOID): N/A
HAZARDOUS DECOMPOSITION PRODUCTS: N/A
SPECIAL SENSITIVITY: N/A

11. DISPOSAL CONSIDERATIONS

The product is not considered hazardous under current EPA hazardous waste regulations.

12. TRANSPORTATION INFORMATION

DOT Classification: Not currently regulated.

13. REGULATORY INFORMATION

OSHA Hazard Communication Classification for dusts and fumes and vapors: None
WHMIS Classification: Non-hazardous

14. OTHER INFORMATION

Not Est. = Not Established; NA = Not Applicable; ND = Not Determined
HMIS Classifications: Health = 0; Fire = 1; Reactivity = 0
All components of the formulations are included in the Toxic Substances Control Act (TSCA) inventory.

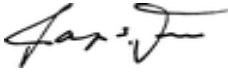


COMPLIANCE TESTED by berkeley analytical

VOC Emission Test Certificate

Product Name: Terralon

Product Sample Information	
Manufacturer:	Roysons Corporation
Manf. Website:	www.roysons.com
CSI Category & No.:	Wall Coverings (09 72 00)
Date Produced:	12/11/2014

Certificate Information	
Certificate No:	150106-08
Certified By:	 Raja S. Tannous, Laboratory Director
Date:	January 6, 2015

Reference Standard: California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010 (Emission testing method for CA Specification 01350)

Acceptance Criteria and Results Demonstrating Compliance of Product Sample to Referenced Standard:

Exposure Scenario ¹	Individual VOCs of Concern ²		Formaldehyde ³		TVOC ⁴
	Criterion	Compliant?	Criterion	Compliant?	Range
School Classroom	≤½ Chronic REL	YES	≤9.0 µg/m ³	YES	≤ 0.5 mg/m ³
Private Office	≤½ Chronic REL	YES	≤9.0 µg/m ³	YES	≤ 0.5 mg/m ³

Product Coverage⁵: Not applicable

1. Exposure scenarios & product quantities for classroom & office are defined in Tables 4-2 – 4-5 (CDPH Std. Mtd. V1.1-2010)
2. Maximum allowable concentrations of individual target VOCs are specified in Table 4-1 (*ibid.*)
3. Maximum allowable formaldehyde concentration is ≤9 µg/m³, effective Jan 1, 2012; previous limit was ≤16.5 µg/m³ (*ibid.*)
4. Informative only; predicted TVOC Range in three categories, i.e., ≤0.5 mg/m³, >0.5 – 4.9 mg/m³, and ≥5.0 mg/m³
5. Informative and applicable only to tests of wet-applied products; grams of sample applied per square meter of substrate

Standards & Codes Recognizing CDPH Standard Method V1.1 (partial list)

- USGBC LEED CI, NC, Schools, Healthcare, 2009
- USGBC LEED Version 4, BD&C, ID&C, 2013
- Collaborative for High Performance Schools (CHPS), National Core Criteria, 2013
- Green Guide for Healthcare, V2.2, 2007
- ANSI/GBI 01-2010, Green Building Assessment Protocol

Narrative: Roysons Corporation selected a sample representative of its Terralon product and submitted it on 12/15/2014 for testing. Berkeley Analytical measured and evaluated the emissions of VOCs from this sample following CDPH/EHLB/Standard Method V1.1-2010. The results of the test are presented in Berkeley Analytical report, 241-015-01A-Jan0615.

Berkeley Analytical is an independent, third-party laboratory specializing in the analysis of organic chemicals emitted by and contained in building products, finishes, furniture, and consumer products. We are an ISO/IEC 17025 accredited laboratory (IAS, [TL-383](#)); all standards used in performing this test are in Berkeley Analytical's scope of accreditation.

DISCLAIMER: THIS CERTIFICATE OF COMPLIANCE AFFIRMS THAT: 1) A SAMPLE OF THE LISTED PRODUCT WAS TESTED ACCORDING TO THE REFERENCED STANDARD; 2) THE MEASURED VOC EMISSIONS FROM THE SAMPLE WERE EVALUATED FOR THE DEFINED EXPOSURE SCENARIO(S); AND 3) THE RESULTS MEET THE ACCEPTANCE CRITERIA OF THE REFERENCED STANDARD(S). BERKELEY ANALYTICAL IS NOT RESPONSIBLE FOR ANY CLAIMS REGARDING A PRODUCT OR PRODUCTS ENTERED INTO COMMERCE THAT MAY BE BASED ON THIS TEST. BERKELEY ANALYTICAL PROVIDES THIS CERTIFICATE OF COMPLIANCE "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE.

Non-Vinyl Wallcovering by Roysons Corporation

CLASSIFICATION: 09 72 00 Finishes: Wall Coverings
PRODUCT DESCRIPTION: Terralon

Health Product Declaration v2.1

created via: HPDC Online Builder

Section 1: Summary

Nested 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

Residuals/Impurities
Considered in 0 of 4
Materials

Explanation(s) provided
for Residuals/Impurities?

- Yes
- No

Are All Substances Above the Threshold Indicated:

Characterized

Percent Weight and Role Provided?

- Yes
- No

Screened

Using Priority Hazard Lists with
Results Disclosed?

- Yes
- No

Identified

Name and Identifier Provided?

- 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..... 2
Contents highest concern GreenScreen
Benchmark or List translator Score..... LT-UNK
Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

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

NON-WOVEN BASE [CELLULOSE PULP (CELLULOSE PULP) NoGS
(POLYETHYLENE-ACRYLIC ACID) COPOLYMER ((POLYETHYLENE-
ACRYLIC ACID) COPOLYMER) LT-UNK POLYETHYLENE TEREPHTHALATE
(PET) (POLYETHYLENE TEREPHTHALATE (PET)) LT-UNK] WOVEN
BACKING [POLYETHYLENE TEREPHTHALATE (PET) (POST-CONSUMER
RECYCLED) (POLYETHYLENE TEREPHTHALATE (PET) (POST-CONSUMER
RECYCLED)) LT-UNK] ADHESIVE [ETHYLENE VINYL ACETATE POLYMER
(EVA) (ETHYLENE VINYL ACETATE POLYMER (EVA)) LT-UNK WATER
(WATER) BM-4] TOPCOAT [WATER (WATER) BM-4 PROPYLENE GLYCOL
(PROPYLENE GLYCOL) BM-2 | END]

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 content: CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2017-11-20

PUBLISHED DATE: 2017-11-27

EXPIRY DATE: 2020-11-20

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

NON-WOVEN BASE

#: 50.0000 - 75.0000

HPD URL:

PRODUCT THRESHOLD: Per GHS SDS

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Cellulose, Polyester and Acrylic Binder

OTHER MATERIAL NOTES:

CELLULOSE PULP (CELLULOSE PULP)

ID: 65996-61-4

#: 45.0000 - 55.0000

GS: NoGS

RC: None

NANO: No

ROLE: Wet Laid Fiber

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

(POLYETHYLENE-ACRYLIC ACID) COPOLYMER ((POLYETHYLENE-ACRYLIC ACID) COPOLYMER)

ID: 9010-77-9

#: 30.0000 - 35.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

POLYETHYLENE TEREPHTHALATE (PET) (POLYETHYLENE TEREPHTHALATE (PET))

ID: 25038-59-9

#: 10.0000 - 20.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Wet Laid Fiber

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

WOVEN BACKING

%: 25.0000 - 35.0000

HPD URL:

PRODUCT THRESHOLD: Per GHS SDS

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: 100% Recycled Polyester. No known impurities.

OTHER MATERIAL NOTES:

**POLYETHYLENE TEREPHTHALATE (PET) (POST-CONSUMER RECYCLED)
(POLYETHYLENE TEREPHTHALATE (PET) (POST-CONSUMER RECYCLED))**

ID: **25038-59-9**

%: 100.0000 - 100.0000 GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Backing Fiber**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

ADHESIVE

%: 10.0000 - 15.0000

HPD URL:

PRODUCT THRESHOLD: Per GHS SDS

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Co-polymer of Vinyl Acetate and Ethylene

OTHER MATERIAL NOTES:

**ETHYLENE VINYL ACETATE POLYMER (EVA) (ETHYLENE VINYL ACETATE
POLYMER (EVA))**

ID: **24937-78-8**

%: 40.0000 - 60.0000 GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Binder**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

WATER (WATER)

ID: **7732-18-5**

%: 40.0000 - 60.0000 GS: **BM-4** RC: **None** NANO: **No** ROLE: **Solvent**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

TOPCOAT

%: 0.5000 - 2.0000

HPD URL:

RESIDUALS AND IMPURITIES NOTES: Polyethylene Glycol water based topcoat

OTHER MATERIAL NOTES:

WATER (WATER)

ID: 7732-18-5

%: **95.0000 - 99.0000** GS: **BM-4** RC: **None** NANO: **No** ROLE: **Solvent**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

PROPYLENE GLYCOL (PROPYLENE GLYCOL)

ID: 57-55-6

%: **0.5000 - 2.0000** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Coating**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES:

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 CONTENT

CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario

CERTIFYING PARTY: **Second Party**

ISSUE DATE: **2015-01-**

EXPIRY DATE:

CERTIFIER OR LAB: **Berkeley**

APPLICABLE FACILITIES: **Rockaway NJ**

06

Analytical

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Cert # 150106-08**

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.

ADHESIVE

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

For use when affixing to wall structures

ADHESIVE PRIMER

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Primer for use in preparing wall for adhesive

 **Section 5: General Notes**

NSF 342 Sustainability Standard for Wallcovering - Certified

 **Section 6: References**

MANUFACTURER INFORMATION

MANUFACTURER: **Roysons Corporation**

ADDRESS: **40 Vanderhoof Ave**

Rockaway New Jersey 07866, United States

WEBSITE: **www.roysons.com**

CONTACT NAME: **Mark Rain**

TITLE: **Director QC**

PHONE: **9736255570**

EMAIL: **mrain@roysons.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.