

Section 1: Summary

CONTENT INVENTORY

- Threshold per material
- 100 ppm
 - 1,000 ppm
 - Per GHS SDS
 - Per OSHA MSDS
 - Other

- Residuals and impurities considered in 1 of 5 materials
- see Section 2: Material Notes
 - see Section 5: General Notes

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.

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

WC-DOTP-LOWVOC [POLYVINYL CHLORIDE (PVC) **LT-P1** | RES BIS(2-ETHYLHEXYL) TEREPHTHALATE **BM-3** CALCIUM CARBONATE **BM-3** TITANIUM DIOXIDE **LT-1** | CAN | END
CALCIUM, ACETATE HYDROGENATED TALLOW FATTY ACIDS COMPLEXES **LT-UNK** CALCIUM ZINC COMPLEX **NoGS**] POLYCOTTON BACKING FABRIC [POLYETHYLENE TEREPHTHALATE (PET) **LT-UNK** COTTON **NoGS**] ADHESIVE [ETHYLENE-VINYL ACETATE COPOLYMER **LT-UNK** WATER **BM-4**] TOPCOAT [WATER **BM-4** GLYCOL ETHERS **NoGS**] INK [WATER **BM-4** CARBON BLACK **LT-1** | CAN TITANIUM DIOXIDE **LT-1** | CAN | END]

Number of Greenscreen BM-4/BM3 contents..... 5
Contents highest concern GreenScreen Benchmark or List translator Score..... LT-1
Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

VOC content: CA 01350

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: April 10, 2017	EXPIRY DATE*: April 10, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: April 13, 2017	* 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 and www.greenscreenchemicals.org.

WC-DOTP-LOWVOC %: 75.0000 - 85.0000 HPD URL: <https://tool.hpdcollaborative.org/uploads/files/hpds/773/1507-20140714112413.pdf>

Inventory Threshold: 100 ppm Residuals Considered: No

Material Notes:

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: 50.0000 - 65.0000 GS: LT-P1 RC: None NANO: NO ROLE: Main Ingredient

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

%: 15.0000 - 25.0000 GS: BM-3 RC: None NANO: NO ROLE: Plasticizer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

CALCIUM CARBONATE

ID: 471-34-1

%: 5.0000 - 15.0000 GS: BM-3 RC: None NANO: NO ROLE: Filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

TITANIUM DIOXIDE

ID: 13463-67-7

%: 2.0000 - 10.0000 GS: LT-1 RC: None NANO: NO ROLE: Whitener

HAZARDS:**AGENCY(IES) WITH 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

SUBSTANCE NOTES: Compound is encapsulated in polymer matrix. Not available for respiratory exposure.

CALCIUM, ACETATE HYDROGENATED TALLOW FATTY ACIDS COMPLEXES

ID: 68307-87-9

%: 0.5000 - 1.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Stabilizer
--------------------	------------	----------	----------	------------------

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found	No warnings found on HPD Priority lists
------------	---

SUBSTANCE NOTES:

CALCIUM ZINC COMPLEX

ID:

%: 0.0000 - 1.0000	GS: NoGS	RC: None	NANO: NO	ROLE: Stabilizer
--------------------	----------	----------	----------	------------------

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found	No warnings found on HPD Priority lists
------------	---

SUBSTANCE NOTES:

POLYCOTTON BACKING FABRIC %: 10.0000 - 15.0000 HPD URL:

Inventory Threshold: Per OSHA MSDS Residuals Considered: No

Material Notes:

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

%: 85.0000 - 85.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Backing component
----------------------	------------	----------	----------	-------------------------

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found	No warnings found on HPD Priority lists
------------	---

SUBSTANCE NOTES:

COTTON

ID:

#: 15.0000 - 15.0000

GS: NoGS

RC: None

NANO: NO

ROLE: Backing Component

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

ADHESIVE

#: 2.0000 - 5.0000 HPD URL:

Inventory Threshold: Per OSHA MSDS Residuals Considered: No

Material Notes:

ETHYLENE-VINYL ACETATE COPOLYMER

ID: 25822-09-7

#: 40.0000 - 60.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Adhesive component

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

WATER

ID: 7732-18-5

#: 40.0000 - 60.0000

GS: BM-4

RC: None

NANO: NO

ROLE: Carrier

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

TOPCOAT

#: 0.0000 - 0.5000 HPD URL:

Inventory Threshold: Per OSHA MSDS Residuals Considered: No

Material Notes:

WATER

ID: 7732-18-5

#: 50.0000 - 95.0000

GS: BM-4

RC: None

NANO: NO

ROLE: Topcoat Component

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

GLYCOL ETHERS

ID:

%: 1.0000 - 5.0000

GS: NoGS

RC: None

NANO: NO

ROLE: Topcoat
Component**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

INK

%: 0.0000 - 0.5000 HPD URL:

Inventory Threshold: 100 ppm Residuals Considered: Yes

Material Notes:

WATER

ID: 7732-18-5

%: 50.0000 - 99.0000

GS: BM-4

RC: None

NANO: NO

ROLE: Ink component

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

CARBON BLACK

ID: 1333-86-4

%: 0.0000 - 9.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Pigment

HAZARDS:**AGENCY(IES) WITH 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: Encapsulated in Polymer Ink Matrix and Coated with Topcoat

%: 0.0000 - 30.0000	GS: LT-1	RC: None	NANO: NO	ROLE: Pigment
---------------------	----------	----------	----------	---------------

HAZARDS:**AGENCY(IES) WITH 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

SUBSTANCE NOTES: Substance encapsulated in polymer ink matrix and covered with topcoat



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**CA 01350**

CERTIFYING PARTY: Third Party

ISSUE DATE: 2012-09-19

EXPIRY DATE: 0000-00-00

CERTIFIER OR LAB: Berkeley Analytical

APPLICABLE FACILITIES:

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.

ADHESIVE**HPD URL: No HPD link provided**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: For use to affixing to wall structures

ADHESIVE PRIMER**HPD URL: No HPD link provided**

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



MANUFACTURER INFORMATION

MANUFACTURER: Roysons Corporation

CONTACT NAME: Mark Rain

ADDRESS: 40 Vanderhoof Ave
Rockaway, New Jersey 07866
United States

TITLE: Director QC

PHONE: 9736255570

WEBSITE: www.roysons.com

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) 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.