

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 0 of 1 materials
- see Section 2: Material Notes
 - see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized.....	<input type="radio"/>	<input checked="" type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input type="radio"/>	<input checked="" 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

ALTR0 CANTATA [POLYVINYL CHLORIDE (PVC) **LT-P1** | RES TRIBUTYL CITRATE **LT-UNK**
ALUMINUM OXIDE **LT-P1** | RES GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED) **LT-UNK**
QUARTZ **LT-1** | CAN CALCIUM CARBONATE **BM-3** DI(2-ETHYLHEXYL)ADIPATE (DEHA) **LT-P1** | CAN |
END 1,2,3-PROPANETRICARBOXYLIC ACID, 2-(ACETYLOXY)-, TRIBUTYL ESTER **LT-P1** | MUL
TITANIUM DIOXIDE **LT-1** | CAN | END ZINC OXIDE **BM-1** | AQU | RES | MUL TRIISOTRIDECYL
PHOSPHITE **LT-P1** | MUL ZINC NEODECANOATE **LT-P1** | MUL DIPROPYLENE GLYCOL DIACRYLATE
LT-UNK EPICHLOROHYDRIN-BISPHENOL A RESIN **LT-P1** | EYE | SKI | AQU | MUL 2-PROPENOIC ACID,
(5-ETHYL-1,3-DIOXAN-5-YL)METHYL ESTER **LT-P1** | MUL BARIUM NEODECANOATE **UNK**]

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

INVENTORY AND SCREENING NOTES:

This HPD was created with basic inventory

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

VOC emissions: Floorscore

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: March 24, 2017	EXPIRY DATE*: March 24, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: March 27, 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.

ALTRO CANTATA

HPD URL: %: 100.0000 - 100.0000

Inventory Threshold: 1000 ppm Residuals Considered: No

Material Notes:

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: 50.0000 - 60.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Main Polymer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

TRIBUTYL CITRATE

ID: 77-94-1

%: 12.0000 - 16.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Bio Plasticiser

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

ALUMINUM OXIDE

ID: 1344-28-1

%: 7.0000 - 9.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Aggregate

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

SUBSTANCE NOTES:

GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED)

ID: 65997-17-3

%: 5.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Recycled Aggregate

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

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

QUARTZ

ID: 14808-60-7

%: 4.0000 - 8.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Aggregate

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 1: Agent is carcinogenic to humans - inhaled from occupational sources

CANCER

US NIH - Report on Carcinogens

Known to be Human Carcinogen (respirable size - occupational setting)

CANCER

MAK

Carcinogen Group 1 - Substances that cause cancer in man

SUBSTANCE NOTES:

CALCIUM CARBONATE

ID: 471-34-1

%: 3.0000 - 5.0000

GS: BM-3

RC: None

NANO: NO

ROLE: Mineral Filler

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

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

DI(2-ETHYLHEXYL)ADIPATE (DEHA)

ID: 103-23-1

%: 3.0000 - 5.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Plasticiser

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

CANCER

US EPA - IRIS Carcinogens

(1986) Group C - Possible human Carcinogen

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES:

%: 1.0000 - 2.0000	GS: LT-P1	RC: None	NANO: NO	ROLE: Plasticiser
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
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SUBSTANCE NOTES:

TITANIUM DIOXIDE

ID: 13463-67-7

%: 1.0000 - 2.0000	GS: LT-1	RC: None	NANO: NO	ROLE: Pigment
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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:

ZINC OXIDE

ID: 1314-13-2

%: 0.5000 - 1.2000	GS: BM-1	RC: None	NANO: NO	ROLE: Active Filler
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

ACUTE AQUATIC	EU - R-phrases	R50 - Very Toxic to Aquatic Organisms
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
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
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES:

TRIIISOTRIDECYL PHOSPHITE

ID: 77745-66-5

%: 0.4000 - 0.6000 GS: LT-P1 RC: None NANO: NO ROLE: Stabiliser

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES:

ZINC NEODECANOATE

ID: 27253-29-8

%: 0.2000 - 0.3000 GS: LT-P1 RC: None NANO: NO ROLE: Stabiliser

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES:

DIPROPYLENE GLYCOL DIACRYLATE

ID: 57472-68-1

%: 0.2000 - 0.4000 GS: LT-UNK RC: None NANO: NO ROLE: Lacquer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES:

EPICHLOROHYDRIN-BISPHENOL A RESIN

ID: 25068-38-6

%: 0.1000 - 0.2000 GS: LT-P1 RC: None NANO: NO ROLE: Aggregate Coating

HAZARDS:

AGENCY(IES) WITH WARNINGS:

EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
ACUTE AQUATIC	EU - R-phrases	R51 - Toxic to Aquatic Organisms
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction

EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SUBSTANCE NOTES:				
2-PROPENOIC ACID, (5-ETHYL-1,3-DIOXAN-5-YL)METHYL ESTER				ID: 66492-51-1
%: 0.1000 - 0.2000	GS: LT-P1	RC: None	NANO: NO	ROLE: Lacquer
HAZARDS:		AGENCY(IES) WITH WARNINGS:		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SUBSTANCE NOTES:				
BARIUM NEODECANOATE				ID:
%:	GS: UNK	RC: None	NANO: NO	ROLE:
HAZARDS:		AGENCY(IES) WITH WARNINGS:		
None Found		No warnings found on HPD Priority lists		
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 EMISSIONS

CERTIFYING PARTY: Third Party
 APPLICABLE FACILITIES: Products manufactured at Altro Ltd, Works Road, Letchworth Garden City, Hertfordshire, SG6 1NW, UK
 CERTIFICATE URL: http://www.altro.com/getmedia/4e2d2021-f34c-4757-9b80-a3c42642681d/Altro_2017_SCS-FS-01440_s.pdf.aspx
 CERTIFICATION AND COMPLIANCE NOTES:

Floorscore

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2017-02-01	2017-12-31	SCS Global Services

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: Altro Ltd

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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.