

CLASSIFICATION: 09 65 16.23

PRODUCT DESCRIPTION: Altro Symphonia is a 2mm thick sheet vinyl flooring which is smooth to the touch and easy to clean.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

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

Are All Substances Above the Threshold Indicated:

Characterized Yes No
Percent Weight and Role Provided?

Screened Yes No
Using Priority Hazard Lists with Results Disclosed?

Identified Yes No
Name and Identifier Provided?

Threshold Disclosed Per

- Material
- Product

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

ALTRO SYMPHONIA [POLYVINYL CHLORIDE (PVC) LT-P1 | RES
LIMESTONE, CALCIUM CARBONATE LT-UNK 1,2,3-
PROPANETRICARBOXYLIC ACID, 2-(ACETYLOXY)-, TRIBUTYL ESTER LT-
P1 | MUL BIS(2-ETHYLHEXYL) TEREPHTHALATE BM-3 GLASS / MINERAL
FIBER (POST-CONSUMER RECYCLED) LT-UNK QUARTZ LT-1 | CAN DI(2-
ETHYLHEXYL)ADIPATE (DEHA) LT-P1 | CAN | END TITANIUM DIOXIDE LT-
1 | CAN | END ALUMINUM OXIDE BM-2 | RES ZINC OXIDE BM-1 | RES |
AQU | MUL TRIISOTRIDECYL PHOSPHITE LT-P1 | MUL ZINC
NEODECANOATE LT-P1 | MUL DIPROPYLENE GLYCOL DIACRYLATE LT-
UNK 2-PROPENOIC ACID, (5-ETHYL-1,3-DIOXAN-5-YL)METHYL ESTER
LT-P1 | MUL 2-ETHYLHEXYL METHYL TEREPHTHALATE NoGS BARIUM
DILAURATE LT-UNK BARIUM DIBENZOATE LT-UNK ZINC DIBENZOATE
LT-P1 | MUL TRIPROPYLENE GLYCOL DIACRYLATE LT-P1 | AQU | SKI |
EYE | MUL TRIMETHYLOLPROPANE TRIACRYLATE LT-P1 | RES | CAN |
SKI | EYE]

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:

None

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: RFCI FloorScore

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2018-12-05

PUBLISHED DATE: 2018-12-05

EXPIRY DATE: 2021-12-05



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

ALTRO SYMPHONIA

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: No available information on residuals and impurities

OTHER PRODUCT NOTES: None

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

#: 40.0000 - 45.0000 GS: LT-P1 RC: None NANO: No ROLE: Core Polymer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: None

LIMESTONE, CALCIUM CARBONATE

ID: 1317-65-3

#: 15.0000 - 25.0000 GS: LT-UNK RC: None NANO: No ROLE: Mineral Filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

1,2,3-PROPANETRICARBOXYLIC ACID, 2-(ACETYLOXY)-, TRIBUTYL ESTER

ID: 77-90-7

#: 5.0000 - 8.0000 GS: LT-P1 RC: None NANO: No ROLE: Bio plasticiser

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: Bio plasticiser derived from European grown maize

BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

%: 5.0000 - 8.0000	GS: BM-3	RC: None	NANO: No	ROLE: Plasticiser
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **None****GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED)**

ID: 65997-17-3

%: 5.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Recycled Aggregate
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **Post consumer recycled glass from UK wine bottles****QUARTZ**

ID: 14808-60-7

%: 4.0000 - 6.0000	GS: LT-1	RC: None	NANO: No	ROLE: Aggregate
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

IARC

Group 1 - Agent is Carcinogenic to humans

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

CANCER

New Zealand - GHS

6.7A - Known or presumed human carcinogens

CANCER

Japan - GHS

Carcinogenicity - Category 1A

CANCER

Australia - GHS

H350i - May cause cancer by inhalation

SUBSTANCE NOTES: **None****DI(2-ETHYLHEXYL)ADIPATE (DEHA)**

ID: 103-23-1

%: 1.0000 - 5.0000	GS: LT-P1	RC: None	NANO: No	ROLE: Plasticiser
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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: **None**

TITANIUM DIOXIDE

ID: **13463-67-7**

#: **1.0000 - 2.0000** 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
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: **None**

ALUMINUM OXIDE

ID: **1344-28-1**

#: **1.0000 - 2.0000** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Aggregate**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: **None**

ZINC OXIDE

ID: **1314-13-2**

#: **0.4000 - 0.8000** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Active Filler**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
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: **None**

TRISOTRIDECYL PHOSPHITE

ID: **77745-66-5**

#: **0.1000 - 0.2000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Stabiliser Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: **None**

ZINC NEODECANOATE

ID: **27253-29-8**

#: **0.1000 - 0.2000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Stabiliser Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: **None**

DIPROPYLENE GLYCOL DIACRYLATE

ID: **57472-68-1**

#: **0.0500 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Lacquer Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **None**

2-PROPENOIC ACID, (5-ETHYL-1,3-DIOXAN-5-YL)METHYL ESTER

ID: **66492-51-1**

#: **0.0500 - 0.1000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Lacquer Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: **None**

2-ETHYLHEXYL METHYL TEREPHTHALATE

ID: **63468-13-3**

%: **Impurity/Residual** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Impurity in plasticiser

BARIUM DILAUATE

ID: 4696-57-5

%: **0.0100 - 0.0200** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Stabiliser Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **None**

BARIUM DIBENZOATE

ID: 533-00-6

%: **0.0100 - 0.0200** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Stabiliser Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **None**

ZINC DIBENZOATE

ID: 553-72-0

%: **0.0100 - 0.0200** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Stabiliser Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: **None**

TRIPROPYLENE GLYCOL DIACRYLATE

ID: 42978-66-5

%: **0.0100 - 0.0200** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Lacquer Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

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
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: **None**

TRIMETHYLOLPROPANE TRIACRYLATE

ID: **15625-89-5**

#: **0.0100 - 0.0200** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Lacquer Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CANCER	IARC	Group 2B - Possibly carcinogenic to humans
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
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: **None**

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

RFCI FloorScore

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2018-**

EXPIRY DATE: **2018-**

CERTIFIER OR LAB: **SCS**

APPLICABLE FACILITIES: **Altro Ltd Letchworth Garden
City Herts SG6 1NW UK**

02-01

12-31

CERTIFICATE URL:

<https://www.altro.com/getmedia/4e2d2021-f34c-4757-9b80-a3c42642681d/Altro-safety-and-slip-resistant-products.pdf.aspx>

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.

ACCESSORIES NOT INCLUDED

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Not applicable

Section 5: General Notes

Accessories not considered as part of this HPD



MANUFACTURER INFORMATION

MANUFACTURER: **Altro Ltd**
 ADDRESS: **Altro Ltd**
Works Road
Letchworth Garden City Herts SG6 1NW, UK
 WEBSITE: **www.altro.com**

CONTACT NAME: **Tracy Perry**
 TITLE: **NPD Manager**
 PHONE: **44(0)1462489252**
 EMAIL: **tper@altro.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.