

CLASSIFICATION: 09 65 16.23

PRODUCT DESCRIPTION: a range of PVC based resilient floor coverings in wood designs Altro Wood, Altro Wood Comfort, Altro Acoustic

**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 WOODS | POLYVINYL CHLORIDE (PVC) LT-P1 | RES LIMESTONE; CALCIUM CARBONATE LT-UNK TRIS(2-ETHYLHEXYL) 2-(ACETILOXY)PROPANE-1,2,3-TRICARBOXYLATE LT-UNK 1,2,3-PROPANETRICARBOXYLIC ACID, 2-(ACETILOXY)-, TRIBUTYL ESTER LT-P1 | MUL DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC LT-1 | CAN | MUL TITANIUM DIOXIDE LT-1 | CAN | END TRIISOTRIDECYL PHOSPHITE LT-P1 | MUL EPOXIDIZED SOYBEAN OIL LT-UNK ZINC NEODECANOATE LT-P1 | MUL ALCOHOLS, C11-14-ISO-, C13-RICH LT-P1 | MUL DIPHENYL (2-ETHYLHEXYL) PHOSPHATE LT-1 | PBT | MUL ALUMINA TRIHYDRATE BM-2 | RES ]**

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-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: Indoor Air Comfort Gold

**CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2017-05-31

PUBLISHED DATE: 2018-12-05

EXPIRY DATE: 2020-05-31



# 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](http://www.hpd-collaborative.org/hpd-2-1-standard)

## ALTRO WOODS

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Residual and Impurity information not available

OTHER PRODUCT NOTES: None

### POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: 40.0000 - 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: PVC sourced in Germany

### LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: 12.0000 - 20.0000	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: UK mined calcium carbonate

### TRIS(2-ETHYLHEXYL) 2-(ACETYLOXY)PROPANE-1,2,3-TRICARBOXYLATE

ID: 144-15-0

%: 8.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Bioplasticiser
---------------------	------------	----------	----------	----------------------

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Bio plasticiser derived from European grown maize

#: **8.0000 - 15.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Bioplasticiser**

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**

**DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC**

ID: **64742-55-8**

#: **1.0000 - 2.0000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Viscosity Supressant**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**CANCER**

EU - R-phrases

R45 - May cause cancer

**CANCER**

EU - GHS (H-Statements)

H350 - May cause cancer

**CANCER**

EU - REACH Annex XVII CMRs

Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man

**MULTIPLE**

ChemSec - SIN List

CMR - Carcinogen, Mutagen &/or Reproductive Toxicant

**CANCER**

EU - Annex VI CMRs

Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

**CANCER**

Australia - GHS

H350 - May cause cancer

SUBSTANCE NOTES: **none**

**TITANIUM DIOXIDE**

ID: **13463-67-7**

#: **0.5000 - 1.5000** 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: **Supplied as a liquid masterbatch**

**TRISOTRIDECYL PHOSPHITE**

ID: 77745-66-5

%: **0.5000 - 0.8000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Thermal Stabiliser**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**MULTIPLE**

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: **None****EPOXIDIZED SOYBEAN OIL**

ID: 8013-07-8

%: **0.4000 - 0.8000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Co-stabiliser**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**None Found**

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **none****ZINC NEODECANOATE**

ID: 27253-29-8

%: **0.1000 - 0.3000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Thermal Stabiliser**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**MULTIPLE**

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: **none****ALCOHOLS, C11-14-ISO-, C13-RICH**

ID: 68526-86-3

%: **0.1000 - 0.3000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Thermal Stabiliser**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**MULTIPLE**

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: **none****DIPHENYL (2-ETHYLHEXYL) PHOSPHATE**

ID: 1241-94-7

%: **0.0000 - 3.0000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Plasticiser**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**PBT**

OSPAR - Priority PBTs &amp; EDs &amp; equivalent

PBT - Substance of Possible Concern

concern

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: none

**ALUMINA TRIHYDRATE**

ID: **21645-51-2**

?: **0.0000 - 4.0000**

GS: **BM-2**

RC: **None**

NANO: **No**

ROLE: **Flame retardant Filler**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

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

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

### Indoor Air Comfort Gold

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2017-**

EXPIRY DATE: **2022-**

CERTIFIER OR LAB: **Eurofins**

APPLICABLE FACILITIES: **Dessau Germany**

**04-19**

**04-19**

CERTIFICATE URL:

<http://www.altro.com/getmedia/f2b3a538-f9e0-4699-ad67-783ee604624a/Indoor-Air-Comfort-Gold-Cert-1.pdf.aspx>

<http://www.altro.com/getmedia/97d568f9-9295-473d-8274-e9e864ec722e/Indoor-Air-Comfort-Gold-Cert-2.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 are not included in this HPD

---

**MANUFACTURER INFORMATION**

---

MANUFACTURER: **Altro Ltd**ADDRESS: **Altro Ltd****Works Road****Letchworth Garden City Hertfordshire SG6 1 NW,  
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**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*

