

HPD UNIQUE IDENTIFIER: 26676

CLASSIFICATION: 09 65 16.23 Vinyl Sheet Flooring

PRODUCT DESCRIPTION: A range of attractive high performance and high quality homogeneous floors in a non directional decoration with enhanced maintenance protection for optimum appearance. Products included in this range are Palettone PUR, Pearlazzo PUR and Prestige PUR.

Section 1: Summary

Basic 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
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

All Substances Above the Threshold Indicated Are:  
Characterized

- Yes Ex/SC
- Yes
- No

% weight and role provided for all substances.

Screened

- Yes Ex/SC
- Yes
- No

One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.

Identified

- Yes Ex/SC
- Yes
- No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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**

**POLYFOR NON DIRECTIONAL HOMOGENEOUS FLOORING [ POLYVINYL CHLORIDE LT-P1 | RES LIMESTONE BM-3dg BIS(2-ETHYLHEXYL) TEREPHTHALATE BM-3dg FATTY ACIDS, C14-22, 2-ETHYLHEXYL ESTERS, EPOXIDIZED NoGS TITANIUM DIOXIDE LT-1 | CAN | END CALCIUM STEARATE LT-UNK ALKYL(C10-C13)BENZENE LT-UNK HEXANEDIOIC ACID, POLYMER WITH 2,2-BIS(HYDROXYMETHYL)-1,3-PROPANEDIOL, OCTADECANOATE LT-UNK POLYURETHANE ACRYLATE Not Screened FATTY ACIDS, C14-18 AND C16-18-UNSATD., BARIUM SALTS NoGS BARIUM NEODECANOATE LT-P1 | MUL IRON OXIDE LT-UNK FERRIC OXIDE, YELLOW LT-UNK ]**

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:

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 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: 2021-11-08

PUBLISHED DATE: 2021-12-08

EXPIRY DATE: 2024-11-08

## 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 2.2, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-2-standard](http://www.hpd-collaborative.org/hpd-2-2-standard)

### POLYFOR NON DIRECTIONAL HOMOGENEOUS FLOORING

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Whilst these products do not meet the Considered Residuals and Impurities we have disclosed all the intentionally added ingredients. The products are free from red list toxic heavy metals, phthalates and formaldehyde. The products do not contain any REACH SVHC and VOC emissions as per Floorscore requirements.

OTHER PRODUCT NOTES: All known intentionally added ingredients are disclosed in this HPD.

#### POLYVINYL CHLORIDE

ID: 9002-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-11-08 2:39:16

#: 46.0000 - 47.0000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Polymer species

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS                            |
|-------------|------------------------|-------------------------------------|
| RES         | AOEC - Asthmagens      | Asthmagen (Rs) - sensitizer-induced |

SUBSTANCE NOTES:

#### LIMESTONE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-11-08 2:39:16

#: 32.0000 - 33.0000 GS: BM-3dg RC: None NANO: No SUBSTANCE ROLE: Filler

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS                                       |
|-------------|------------------------|--|
| None found  |                        | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES:

#### BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-11-08 2:39:17

#: 16.0000 - 17.0000 GS: BM-3dg RC: None NANO: No SUBSTANCE ROLE: Plasticizer

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS                                       |
|-------------|------------------------|--|
| None found  |                        | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: This plasticiser commonly referred to as DOPT (Diocetyl terephthalate) has been screened through GreenScreen and attained a benchmark 3 out of a possible 4 score. Phthalate plasticisers typically achieve a benchmark 1.

#### FATTY ACIDS, C14-22, 2-ETHYLHEXYL ESTERS, EPOXIDIZED

ID: 95370-96-0

|   |                        |  |                 |                                    |
|---|------------------------|--|-----------------|------------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                        | HAZARD SCREENING DATE: <b>2021-11-08 2:39:17</b> |                 |                                    |
| %: <b>1.9000 - 2.1000</b>   | GS: <b>NoGS</b>        | RC: <b>None</b>                                  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Plasticizer</b> |
| HAZARD TYPE   | AGENCY AND LIST TITLES | WARNINGS   |                 |                                    |
| None found  |                        | No warnings found on HPD Priority Hazard Lists   |                 |                                    |
| SUBSTANCE NOTES:  |                        |  |                 |                                    |

### TITANIUM DIOXIDE

ID: **13463-67-7**

|   |   |  |                 |                                |
|---|---|--|-----------------|--------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |   | HAZARD SCREENING DATE: <b>2021-11-08 2:39:18</b>   |                 |                                |
| %: <b>0.8000 - 1.2000</b>   | GS: <b>LT-1</b>                           | RC: <b>None</b>  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE   | AGENCY AND LIST TITLES                    | WARNINGS   |                 |                                |
| CAN   | US CDC - Occupational Carcinogens         | Occupational Carcinogen  |                 |                                |
| CAN   | CA EPA - Prop 65                          | Carcinogen - specific to chemical form or exposure route   |                 |                                |
| CAN   | IARC                                      | Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources                       |                 |                                |
| CAN   | MAK                                       | Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value |                 |                                |
| END   | TEDX - Potential Endocrine Disruptors     | Potential Endocrine Disruptor  |                 |                                |
| CAN   | MAK                                       | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels                     |                 |                                |
| CAN   | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                    |                 |                                |

SUBSTANCE NOTES: Potential health issues are related to inhalation of airborne or unbound particles of respirable size during production. As the substance is encapsulated into the final product, these issues do not apply.

A range is given due to variances in product colour.

### CALCIUM STEARATE

ID: **1592-23-0**

|   |                        |  |                 |                                  |
|---|------------------------|--|-----------------|----------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                        | HAZARD SCREENING DATE: <b>2021-11-08 2:39:18</b> |                 |                                  |
| %: <b>0.3000 - 0.3200</b>   | GS: <b>LT-UNK</b>      | RC: <b>None</b>                                  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Lubricant</b> |
| HAZARD TYPE   | AGENCY AND LIST TITLES | WARNINGS   |                 |                                  |
| None found  |                        | No warnings found on HPD Priority Hazard Lists   |                 |                                  |
| SUBSTANCE NOTES:  |                        |  |                 |                                  |

### ALKYL(C10-C13)BENZENE

ID: **67774-74-7**

|   |                        |  |                 |  |
|---|------------------------|--|-----------------|--|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                        | HAZARD SCREENING DATE: <b>2021-11-08 2:39:19</b> |                 |  |
| %: <b>0.2000 - 0.3000</b>   | GS: <b>LT-UNK</b>      | RC: <b>None</b>                                  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Heat or UV stabilizer</b> |
| HAZARD TYPE   | AGENCY AND LIST TITLES | WARNINGS   |                 |  |
| None found  |                        | No warnings found on HPD Priority Hazard Lists   |                 |  |

## SUBSTANCE NOTES:

**HEXANEDIOIC ACID, POLYMER WITH 2,2-BIS(HYDROXYMETHYL)-1,3-PROPANEDIOL, OCTADECANOATE**

ID: 68130-34-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-08 2:39:19**%: **0.1500 - 0.1700** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Lubricant**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS                                       |
|-------------|------------------------|--|
| None found  |                        | No warnings found on HPD Priority Hazard Lists |

## SUBSTANCE NOTES:

**POLYURETHANE ACRYLATE**ID: **Not Registered**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **Not Screened**%: **0.1300 - 0.1500** GS: **Not Screened** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Coating**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS                       |
|-------------|------------------------|--------------------------------|
|             |                        | Hazard Screening not performed |

SUBSTANCE NOTES: PUR coatings are cross-linked by UV curing during coating.

**FATTY ACIDS, C14-18 AND C16-18-UNSATD., BARIUM SALTS**

ID: 95465-85-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-08 2:39:20**%: **0.1000 - 0.1400** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Heat or UV stabilizer**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS                                       |
|-------------|------------------------|--|
| None found  |                        | No warnings found on HPD Priority Hazard Lists |

## SUBSTANCE NOTES:

**BARIUM NEODECANOATE**

ID: 55172-98-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-08 2:39:20**%: **0.1000 - 0.1400** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Heat or UV stabilizer**

| HAZARD TYPE | AGENCY AND LIST TITLES                      | WARNINGS                   |
|-------------|---|----------------------------|
| MUL         | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |

SUBSTANCE NOTES: This substance is encapsulated into the product and not released into waters during production or at end of life.

**IRON OXIDE**

ID: 1332-37-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-08 2:39:21**%: **0.0000 - 0.2000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

| HAZARD TYPE   | AGENCY AND LIST TITLES | WARNINGS                                       |
|---|------------------------|--|
| None found  |                        | No warnings found on HPD Priority Hazard Lists |
| SUBSTANCE NOTES: A range is given due to variances in product colour. |                        |  |

**FERRIC OXIDE, YELLOW**

ID: 51274-00-1

| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> | HAZARD SCREENING DATE: <b>2021-11-08 2:39:21</b> |  |                 |                                |
|---|--|--|-----------------|--------------------------------|
| %: <b>0.0000 - 0.2000</b>   | GS: <b>LT-UNK</b>                                | RC: <b>None</b>                                | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE   | AGENCY AND LIST TITLES                           | WARNINGS                                       |                 |                                |
| None found  |  | No warnings found on HPD Priority Hazard Lists |                 |                                |
| SUBSTANCE NOTES: A range is given due to variances in product colour. |  |  |                 |                                |

## 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: 2021-09-01 | EXPIRY DATE: 2022-08-31 | CERTIFIER OR LAB: SCS Global Services, 2000 Powell Street, Emeryville, CA 94608 USA |
| APPLICABLE FACILITIES: All  |                        |                         |   |
| CERTIFICATE URL:<br><a href="http://www.scsglobalservices.com/certified-green-products-guide">http://www.scsglobalservices.com/certified-green-products-guide</a> |                        |                         |   |
| 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.*

No accessories are required for this product.

## Section 5: General Notes

Flooring shades applicable to this HPD include Urban Air, Frosted Glass, Dove Tail, Pencil Lead, Morning Air, Weekend Sky, Painters Dream, Faded Denim, Petrol, Woodland Air, Orchard Walk, Sunshine Meadow, English Garden, Festival Field, Harvest Air, Natural Cotton, Foundation, China Clay, Blossom Air, Lily Petal, Sugar Candy, Potters Wheel, Regency Room, New Dawn, Heather Honey, Caramel Kick, Cayenne Heat, Heritage Hall, Linen Air, Cool Blende, Lunar Landscape, Seared Bister, Quarystone, Earthenwear, Fired Ochre, Garden Sage, Dried Tarragon, Sahara Storm, Pecan Crunch, Wild Portabella, Superior Sky, Sapphire Star, Aqua Pura, Pennyroyal Mint, Crisp Apple, Primed Canvas, Hay Grain, Buttered Corn, Wild Flax, Lemon Ice, Chalk Burst, Mineral, Mint Crisp, Satin Jade, Alpine Meadow, Skylight, Seafoam, Atlantic Mist, Sandcastle, Truffle, Lilac Bloom, Toasted Almond, Rain Cloud, Sail Cloth, Ocean Ripple, Sunrise, Purple Crush, Caramel, Wholemeal, Dark Berry, Alabaster, Pale Iris, Clove, Stone Blue, Cinnamon, Gingerlily, Peppermint, Chive, Thyme, Bilberry, Nutmeg, Lavender Mist, Grey Marl, Ice Crystal, Chilli.

**MANUFACTURER INFORMATION**

**MANUFACTURER:** Polyflor Limited  
**ADDRESS:** Radcliffe New Road  
 Whitefield  
 Manchester England M45 7NG, United Kingdom  
**WEBSITE:** www.polyflor.com

**CONTACT NAME:** Mr R.N.B.Smith  
**TITLE:** Director of Technical Services  
**PHONE:** +441617671111  
**EMAIL:** bsmith@jameshalstead.plc.uk

*The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.*

**KEY**

**Hazard Types**

|                                       |   |  |
|---------------------------------------|---|--|
| <b>AQU</b> Aquatic toxicity           | <b>LAN</b> Land toxicity                          | <b>PHY</b> Physical hazard (flammable or reactive)   |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity      | <b>REP</b> Reproductive                              |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple                               | <b>RES</b> Respiratory sensitization                 |
| <b>END</b> Endocrine activity         | <b>NEU</b> Neurotoxicity                          | <b>SKI</b> Skin sensitization/irritation/corrosivity |
| <b>EYE</b> Eye irritation/corrosivity | <b>NF</b> Not found on Priority Hazard Lists      | <b>UNK</b> Unknown                                   |
| <b>GEN</b> Gene mutation              | <b>OZO</b> Ozone depletion                        |  |
| <b>GLO</b> Global warming             | <b>PBT</b> Persistent, bioaccumulative, and toxic |  |

**GreenScreen (GS)**

|   |  |
|---|--|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)   |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-UNK</b> List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.) |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      |  |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          |  |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |  |
| <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)      | <b>NoGS</b> No GreenScreen.  |

**Recycled Types**

**PreC** Pre-consumer recycled content  
**PostC** Post-consumer recycled content  
**UNK** Inclusion of recycled content is unknown  
**None** Does not include recycled content

**Other Terms:**

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

**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.*