

Tarkett Linoleum Flooring – Gold Group

Issued to: TARKETT
Product specifications: *Originale Essenza+, Veneto 100% Linen Essenza+, Elafono (underlayer)*
Issue date: 01.09.2022
Expiration date: 31.08.2024
Evaluation threshold: At least 100 ppm of the final product
After-use scenario: [TARKETT ReStart® Program](#)
EPEA Registry No: 39896.3
MHS Version: 2.0

| FUNCTION | CHEMICAL | CAS | CONTENT | EPEA RATING | COMMENT | GS-LT GS-BM* | REACH | |
|---------------------|-----------------------|------------------------|---------|-------------|---|--|--------|---|
| Surface treatment | Acrylic coating | Proprietary 1,2,3 | <0.4% | | Acrylic polymer based on monomers of no concern after polymerization and fillers. | N.I. | ✓ | |
| Linoleum Core layer | Calcium carbonate | 1317-65-3 | 83-91% | | Natural mineral containing traces of quartz. Potential health issue related to dust inhalation during mining / production. No concern in finished product. Magnesium carbonate is a natural and safe impurity of calcium carbonate rocks. | LT-UNK | ✓ | |
| | Magnesium Carbonate | 546-93-0 | | | | LT-UNK | ✓ | |
| | Cork | 61789-98-8 | | | | N.I. | ✓ | |
| | Wood powder | 9004-34-6 9005-53-2 | | | | LT-UNK | ✓ | |
| | Linseed oil | 8001-26-1 | | | | LT-UNK | ✓ | |
| | Colophony | 8050-09-7 | | | | Binder. Colophony is sensitizing upon skin contact. No concern in the finished product as it is not present anymore as such. | LT-P1 | ✓ |
| | Walnut husk | - | | | | Vegetal pigments with no indication for health issues during and after use of linoleum. | N.I. | ✓ |
| | Vegetal carbon Powder | 1333-86-4 | | | | | BM1 | ✓ |
| | Titanium Dioxide | 13463-67-7 | | | | Potential health issue related to dust inhalation during mining / production of oxides of titanium and iron. Concern in the finished product neither with these inorganic pigments nor with the proprietary organic pigment. | LT-1 | ✓ |
| | Carbon Black | 1333-86-4 | | | | | BM1 | ✓ |
| | Iron oxide pigments | | | 1309-37-1 | | | BM1 | ✓ |
| | | | | 1317-61-9 | | | BM1 | ✓ |
| | | | | 51274-00-1 | | | LT-UNK | ✓ |
| | Proprietary | Proprietary 1 | | | | BM1 | ✓ | |
| | Calcium dihydroxide | 1305-62-0 | | | | | LT-P1 | ✓ |
| | Aluminium oxide | 1344-28-1 | | | | Additives (<1%) with a function for the product or having had a function to produce used raw materials. | BM1 | ✓ |
| Silicon dioxide | 69012-64-2 | | | LT-P1 | ✓ | | | |
| Aluminium silicate | 12141-46-7 | | | LT-UNK | ✓ | | | |
| Proprietary | Proprietary 1 | | | LT-P1 | ✓ | | | |
| | | | | | BM1 | ✓ | | |

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| Jute layer | Jute | - | 8.6-17% | | Jute fibre backing with residual additives (<0.6%) involved in their production process. | N.I. | ✓ |
| | Tamarind kernel powder | - | | | | N.I. | ✓ |
| | Liquid Paraffin | 8012-95-1 | | | | LT-UNK | ✓ |
| | White mineral oil (petroleum) | 8042-47-5 | | | | LT-UNK | ✓ |
| | Oils, tamarind | 72968-49-1 | | | | None | ✓ |
| | Proprietary | Proprietary 1 | | | | LT-P1 | ✓ |
| THEREOF | | | | | | | |
| Content sourced from abundant minerals | | | <20% | Except for the abundant resource calcium carbonate, almost the complete content originates from renewable plant resources (wood, cork, colophony, linseed oil and jute fibres). | | | |
| Recycled content | - Internal post-industrial source (Reprocessed production output) | | - | | | | |
| | - Post-installation / Pre-use source | | - | | | | |
| | - Post-use source | | - | | | | |
| Biologically renewable content | - Animal | | - | | | | |
| | - Vegetal | | >77% | | | | |

EPEA's rating methodology is based on the Cradle to Cradle approach with the European Precautionary principle. It is made in relation with a quality target, an after-use scenario and on the background of the specific supply chain materials used by the article's manufacturer. The assessment of hazard/safety properties of chemicals is made at the best of our knowledge at the date of MHS™ issue (See "[MHS development Guidance V2.0](#)"). EPEA believes the data forth herein are accurate as of the date hereof. EPEA makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation and verification.


Dr. Peter Möslé
 Partner & Managing Director


Dr. Alain Rivière
 Scientific Supervisor



Legend:

EPEA RATING:

- No concern
- Moderate concern
- High concern – Task for material optimization
- Unknown concern - Task for knowledge development

REACH compliance:

- ✓: Substance is listed neither in Annex XIV nor in Annex XVII nor as SVHC or complies with European Union Regulation EC 1907/2006 applicable to this article.
- XVII** or **XIV**: Substance listed in Annex XVII (Restriction) or Annex XIV (Authorisation) of REACH regulation applicable to this article
- SVHC**: Substance of Very High Concern. Candidate for listing in Annex XIV (Authorization list) of REACH Regulation at a concentration above 0.1%
- : Not applicable due to missing CAS

GS-LT^(a)

- LT-1**: Chemical is found on an authoritative list of the most-toxic chemicals
- LT-P1**: Chemical may be a serious hazard, but the confidence level is lower
- LT-UNK**: Unknown (no data on List Translator Lists)

GS- BM^(a)

- BM1**: Avoid: Chemical of High Concern
- BM2**: Use but search for Safer Substitutes
- BM3**: Use but still opportunity for improvement
- BM4**: Prefer: Safer Chemical
- N.I.** (No GS rating): Chemical is not listed in the source of GS and GS-LT ratings

(a) GreenScreen List Translator Score and GreenScreen Benchmark Score according to [Toxnot](#).

Proprietary 1, 2 or 3: Distinguishing between owners of information (see [MHS Development Guidance V2.0](#))