

iQ RANGE



Issued to:	Tarkett Holding GmbH
Issue date:	07.03.2019
Expiration date:	07.03.2021
Evaluation threshold:	At least 100 ppm of the final product
After-use scenario:	Tarkett ReStart® program
EPEA Registry No:	39581.2
MHS Version:	2.0
Product specifications:	iQ Megalit, iQ Eminent, iQ Granit, iQ Granit Acoustic, iQ Optima, iQ Optima Acoustic

FUNCTION	CHEMICAL	CAS	CONTENT	EPEA RATING	COMMENT	GS-LT GS-BM	REACH	
Polymer	Polyvinylchloride	9002-86-2	<40%		Transitional use of PVC is tolerated in the durable flooring application because of the ReStart® offer of Tarkett for the management after use ^(a) . Purchased PVC products contain less < 1 ppm residual monomer	LT-UNK	✓	
Plasticizers	DINCH	166412-78-8	<15%		Alternative to phthalate plasticizers approved for food contact application with high migration limit reflecting a much better safety profile	LT-UNK	✓	
Filler	Proprietary	Proprietary 1	<30%		Minerals containing low quartz levels. No concern in the finished product	LT-UNK	✓	
						N.I.	✓	
						LT-UNK	✓	
Heat stabilizer	Proprietary components of a calcium/zinc heat stabilizer system	Proprietary 2	<1%		Environmentally best performing heat stabilizer combination	BM3	✓	
						LT-UNK	✓	
						LT-UNK	✓	
	Epoxidized soybean oil	8013-07-8	<4%			LT-UNK	✓	
Pigments	Titanium dioxide	13463-67-7 18282-10-5 1317-80-2	0,40%		Potential health issues related to dust inhalation during mining/production. No concern in the finished product	LT-1	✓	
	Carbon black	1333-86-4				BM1	✓	
	Various depending on designs	Proprietary 1					N.I.	✓
							LT-UNK	✓
							BM3 LT-UNK N.I.	✓
Coating	Polyurethane Acrylate	Proprietary 3	0,70%		Assessment process ongoing	N.I.	✓	

FUNCTION	CHEMICAL	CAS	CONTENT	EPEA RATING	COMMENT	GS-LT GS-BM	REACH
Formulation auxiliaries/ Impurities	Polymerization additives and other	Proprietary 3	<1,2%		Formulation and production auxiliaries originating from different inputs. Polymerization additives are unknown, yet	N.I.	✓
	Aluminium hydroxide, amorphous	21645-51-2				BM2	✓
	Silicon dioxide, amorphous	7631-86-9				LT-UNK	✓
	Water	7732-18-5				BM4	✓
TOTAL VIRGIN CONTENT			75-80%				

UNDEFINED	CONTENT	COMMENT
Recycled content	20-25%	Originates exclusively from Tarkett's production and contains predominantly chemicals mentioned above. Other chemicals in minor amounts, exceeding 100 ppm though, are not excluded

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.



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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 and 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^(b)

- 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^(b)

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

(a) Please refer to [EPEA's position on PVC and chlorine management](#).

(b) 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](#))