

## iD Inspiration Click

Issued to:	<b>TARKETT</b>
Product specifications	iD Inspiration Click Solid 30/55, iD Inspiration Click High Traffic 70
Issue date:	February 5., 2021. Reprint February 23., 2023
Expiration date:	February 4., 2023. Extended to June 30., 2023
Evaluation threshold:	At least 100 ppm of the final product
After-use scenario:	<a href="#">TARKETT ReStart® Program</a>
EPEA Registry No:	39915.2
MHS Version:	2.0

FUNCTION	CHEMICAL	CAS	CONTENT	EPEA RATING	COMMENT	GS-LT GS-BM	REACH
Polymer	PVC*	9002-86-2	32%		Transitional use of PVC is tolerated in durable applications designed with good materials and a collection and recycling program in place <sup>(a)</sup> . Vinyl chloride content is below 1 ppm in purchased products. Tarkett proposes to take back your installation residues and plans to propose to take back your products after use, thanks to the ReStart® program. <b>Check Tarkett national websites for Restart program availability.</b>	LT-P1	✓
	Polymerization additives*	Proprietary 3	< 0.3%			N.I.	-
Fillers	Calcium carbonate*	13397-25-6	< 55%		Fillers consist of pulverized calcium carbonate. Low levels of quartz. No concern in the finished product.	LT-UNK	✓
	Magnesium Carbonate*	13717-00-5				LT-UNK	✓
	Stearic acid*	57-11-4				LT-P1	✓
	Crystalline silica (Quartz)*	14808-60-7				LT-1	✓
Plasticizers	1,2-Cyclohexanedicarboxylic acid, 1,2-diisononyl ester*	166412-78-8	< 10%		Alternatives to phthalate plasticizers. DINCH is produced by hydrogenation of DINP with thus modified properties. No toxicity identifiable, especially no mutagenicity, carcinogenicity or reproductive toxicity observed in animal tests.	LT-UNK	✓
	Terephthalic acid, dioctyl ester*	4654-26-6				LT-UNK	✓
	1,2-Cyclohexanedicarboxylic acid, 1-methyl, 2-iisononyl ester	-				N.I.	✓
Stabilizers	Soybean oil, epoxidized*	8013-07-8	2.1%		ESBO is a scavenger of hydrochloric acid (that may be formed during the flooring use period) with plasticizing effect. Other components belong to a calcium/zinc-based heat stabilizing system. Zinc is an essential trace element.	LT-P1	✓
	Proprietary	Proprietary 2				LT-UNK	✓
						LT-UNK	✓
				LT-P1	✓		
					N.I.	✓	
Carriers	Glass fibres*	65997-17-3	<1%		The length of glass fibres exceeds 10 µm. No contribution of the formaldehyde-based binder to formaldehyde emissions of the flooring product. No concern seen.	N.I.	✓
	Urea formaldehyde polymer*	9011-05-6				LT-P1	✓
	Proprietary*	Proprietary 3				N.I.	-
Pigments / Inks	Carbon Black*	1333-86-4	0.2%		Potential health issue related to dust inhalation during mining/production of titanium dioxide. No concern in the finished product. Chlorinated and copper containing pigments are not recommended in the context of PVC. A minor portion of the inks is not defined.	BM1	✓
	Titanium dioxide*	13463-67-7				LT-1	✓
	Proprietary*	Proprietary 2				LT-1	✓
		Proprietary 3				LT-UNK	✓
					N.I.	-	

FUNCTION	CHEMICAL	CAS	CONTENT	EPEA RATING	COMMENT	GS-LT GS-BM	REACH
Surface treatment	Hexane, 1,6-diisocyanato-, homopolymer, 2-hydroxyethyl acrylate- and propylene glycol monoacrylate-blocked	1392411-89-0	0.1%		Polyester urethane acrylate surface treatment. Listed chemicals react with each other in polymerization reactions or are embedded in the polymer obtained by UV-Curing. No concern in the finished product.	None	✓
	Dipropylene glycol diacrylate	57472-68-1				LT-UNK	✓
	Tricyclo[5.2.1.02,6] decanedimethanol diacrylate	42594-17-2				LT-UNK	✓
	Proprietary	Proprietary 2				N.I.	✓
Processing aids and impurities	Proprietary*	Proprietary 2	0.6%		Mainly processing aid with no toxicity issues. Small share corresponding to proprietary 3 chemicals in the recycled content.	LT-UNK	✓
		Proprietary 3				N.I.	-
<b>THEREOF:</b>							
Content sourced from abundant minerals			41%	Calcium carbonate is an abundant mineral resource.			
Recycled content	- Internal post-industrial source (Reprocessed own production output)		35%	iD Inspiration Click is with 35% recycled materials. A contribution of the recycled content to the chemical composition is highlighted with an asterisk.			
	- Post-installation / Pre-use source		-				
	- Post-use source		-				
Biologically renewable content	- Animal		-	No chemical with a possible animal origin is identified.			
	- Vegetal		1%	Epoxidized soybean oil is of vegetal origin.			

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 further [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 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<sup>(b)</sup>

- 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<sup>(b)</sup>

- 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.** ("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](#))