



Conica AG

PLAYTOP Water Impermeable Solutions

PLAYTOP water impermeable solutions is a good choice for indoor playgrounds, with a 5-year warranty. Developed specifically for indoor use where high-pressure washing is not possible and where draining is not always available. PLAYTOP Indoor is suitable for indoor playgrounds at camping sites, shopping centres, nurseries, airports, hotels and anywhere where children play indoors.

Products/Ranges:

Product Stages Assessed:

Product Type:

CSI Masterformat:

Licenced Site/s:

Licence Number:

Licence Date:

Valid To:

Standard:

Screening Date:

PHD URL:

PLAYTOP Water Impermeable Solutions

Whole of life +re-use potential

Flooring System

09 67 00

Munster Germany

CON:CO05:2025:PH

16th June 2022

16th June 2026

GGT International v4.1

28th July 2026

<https://www.globalgreentag.com/certificate/1860/>

PHD Summary

Percentage Assessed:

100%

Inventory Threshold:

100ppm Product Level

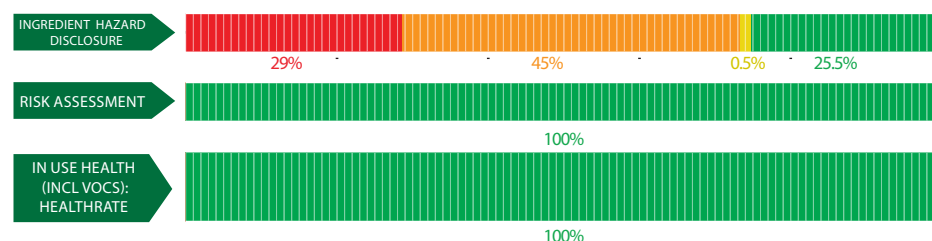
Inventory Method:

Nested Materials

- GreenTag Banned List Compliant.
- GreenTag PHD recognized by WELL® & LEED® Material Transparency & Optimization credits included below:
- Meets IWBI® WELL® v1.0 as Recognized for ~ Feature 26 (Part 1); Feature 97 (Part 1); as a Compliant Technical Document (Audited) for ~ Feature 04 (Part 3); Feature 11 (Part 1, 5); Feature 25 (Part 1, 2, 3, 4, 5), and, meets IWBI® WELL® v2.0 as Recognized for ~ X07 (Parts 1, 3); X08 (Part 2); as a Compliant Technical Document (Audited) for ~ X01 (Part 1, 2, 3); X05 (Part 1, 2); X06 (Part 1, 2); X07 (Part 2); X08 (Part 1).
- Meets USGBC LEED® v4.0 and v4.1 Rating Tool Credit as Recognized for MR Credit: Building Product Disclosure and Optimisation - Material Ingredients - Option 1: Material Ingredient Reporting, Option 2: International ACP - REACH Optimisation.
- Independent third party assessment for worker, user, and environmental exposure to any Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors.

ASSESSMENT:

INGREDIENT HAZARD DISCLOSURE, RISK ASSESSMENT, & IN USE HEALTH, % by mass.
See over for explanation.



Declared by:
Global GreenTag
International Pty Ltd

David Baggs
CEO

Verified compliant with:
ISO 14024 & ISO 17065

1.0 Scope

The Global GreenTag International (GGT) Product Health Declaration (PHD) has been designed to provide an additional level of service to the green product sector in facilitating an easier understanding of both the hazard and risks associated with any certified products, and is intended to indicate:

- Chemical hazards of both finished product and unique ingredients to a minimum level of 100ppm for final product throughout the product life cycle (including any VOC or other gaseous emissions);
- An assessment of exposure or risk associated with ingredient handling, product use, and disposal in relation to established mitigation and management processes;

It is not intended to assess:

- i. substances used or created during the manufacturing process unless they remain in the final product; or
- ii. substances created after the product is delivered for end use (e.g., if the product unusually degrades, combusts or otherwise changes chemical composition).

GGT PHDs are only issued to products that have passed GGT Standards' certification requirements. The Level of Assessment (BronzeHEALTH, SilverHEALTH, GoldHEALTH or PlatinumHEALTH) of a PHD rating relates ONLY to a Human Health Toxicity Assessment and is declared separately and not equivalent to the overall Bronze, Silver Gold or Platinum Green Tag Certification Mark Tier Levels of LCARate.

1.2 Preparing a PHD

GGT PHDs are prepared in the format of a transparency document which utilizes Hazard Classifications from the UN Globally Harmonised System of Classification and Labelling of Chemicals (GHS). Hazard Classifications are then risk assessed with a focus on the In Use stage for an outcome of Certification. Assessments are undertaken by GGT Qualified Exemplar Global Lead Auditors and subsequently accepted for Certification by the GGT Program Director (also a Qualified Exemplar Global Lead Auditor) under the International Standard v4.0/4.1, Personal Products Standard v1.0/1.1, or Cleaning Products Standard v1.1/1.2 and above Program Rules.

1.3 External Peer Review

Every GGT PHD is independently peer-reviewed by an external Consultant Toxicologist and Member of the Australasian College of Toxicology & Risk Assessment.

2.0 Declaration of Ingredients

Where a manufacturer wishes recognition under a rating program that requires transparency of ingredients, such as LEED[®] v4.0 & v4.1, WELL[®] v1.0 & v2.0, Green Star[®], the following information is declared from the audit:

Colour	Ingredient Hazard Disclosure
Green	Level 4 The hazard level of this ingredient indicates that the ingredient has no toxic hazard statements with no identified health effects.
Yellow	Level 3 The hazard level of this ingredient indicates that the ingredient is mildly toxic and/or has short/medium term reversible health effects.
Orange	Level 2 The hazard level of this ingredient indicates that the ingredient is moderately toxic and/or with a moderate health effects.
Red	Level 1 The hazard level of this ingredient indicates that the ingredient is highly toxic with a potential for severe health effects.
Black	Level 0 The hazard level of this ingredient indicates that the ingredient is highly toxic with a potential for severe health effects and is banned from being detectable above trace amounts in the final product.
Grey	Grey Chemical Not able to be categorised due to lack of toxicity impact information.
Colour	Risk Assessment & In Use Health Assessment Outcome
Green	No Concerns The risk assessment outcomes for the hazard level and percentage of ingredient used in the product after risk assessment is considered highly unlikely and therefore without concerns.
Yellow	Human Health Comment The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low with an unlikely potential risk.
Orange	Issue of Concern or Issue of Concern Minimised The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low to high with a higher than unlikely potential for risk.
Red	Red Light Comment or Red Light Comment Minimised The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low to extremely high with a moderate potential for risk.
Dark Red	Red Light Exclusion The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered medium to extremely high with a likely potential for risk.
Grey	Grey Chemical Not able to be categorised due to lack of toxicity impact information.
Black	Banned Ingredients Level 0 Hazard Level categorised chemicals such as Substances of Very High Concern in the International Standard v4.0/v4.1 and/or Petroleum, Parabens plus a wide range of additional compounds stipulated by the Personal Products Standard v1.0/1.1 and Cleaning Products Standard v1.1/1.2

Global GreenTag International Pty Ltd (Global GreenTag) is not a medical professional organisation. Global GreenTag does not purport to provide medical advice, and makes no warranty, representation, or guarantee regarding the declaration that it provides in relation to any allergies, chemical sensitivities or any other medical condition, nor does Global GreenTag assume any liability whatsoever arising out of the application or use of any product or piece of equipment that has been chemically assessed by Global GreenTag.

























The chemical assessments carried out provide transparent information peer reviewed by a consultant toxicologist regarding the chemical make-up and ingredients of certain materials and products, but such assessments are not to be taken as any form of medical assessment or health advice and are not targeted towards providing specific solutions to allergenic conditions or any other type of medical concerns.

Users must carry out their own investigations if they are concerned about specific medical conditions and the impact of certain products or ingredients in relation to specific medical concerns.

Global GreenTag takes no responsibility and is not liable in any way with respect to any medical or health issues arising from a person's use of materials or products that have been chemically assessed by Global GreenTag. Global GreenTag shall not be liable for any direct, indirect, punitive, incidental, special or consequential damages to property or life whatsoever, arising out of or connected with the use or misuse of any materials or products that have been assessed by Global GreenTag.

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	REACH Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
PLAYTOP 17								
Reaction mass of 4,4'-methylenediphenyl diisocyanate and o-(pisocyanatobenzyl) phenyl isocyanate / methylene diphenyl diisocyanate	EC number: 905-806-4	0.01-1%	H334, H351, H373, H332, H315, H319, H317, H335	Ok	<div></div>	<div></div>	<div></div>	The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. , since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
Ethylenediamine, propoxylated	25214-63-5	0.01-1%	H319	Ok	<div></div>	<div></div>	<div></div>	The unreacted substance is harmful to humans if contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. , since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
Isocyanic acid, polymethylenepolyphenylene ester	9016-87-9	0.01-1%	IARC 3, H315, H319, H335, H334, H373, H317, H332, H351, H330, H302, H410, H314, H312, H341, None	Ok	<div></div>	<div></div>	<div></div>	The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. , since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
PLAYTOP 22								
4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate	101-68-8	1-5%	IARC 3, H351, H332, H335, H373, H315, H319, H334, H317	Ok	<div></div>	<div></div>	<div></div>	The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. , since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
Isocyanic acid, polymethylenepolyphenylene ester	9016-87-9	0.01-1%	IARC 3, H315, H319, H335, H334, H373, H317, H332, H351, H330, H302, H410, H314, H312, H341,	Ok	<div></div>	<div></div>	<div></div>	The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate	125643-61-0	0.01-1%	H413	Ok	<div></div>	<div></div>	<div></div>	The unreacted substance is harmful to humans and aquatic life. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
4,4'-Methylenediphenyl diisocyanate, oligomers	25686-28-6	0.01-1%	H332, H351, H319, H334, H373, H335, H315, H317	Ok	<div></div>	<div></div>	<div></div>	The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown

reaction mass of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omegahydroxypoly(oxyethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionylomega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxy-poly(oxyethylene)	ELINCS: 400-830-7	0.01-1%	H411, H317	Ok	<div></div>	<div></div>	<div></div>	The unreacted substance is harmful to humans and aquatic life. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
reaction mass of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl) propionyl- omega-hydroxypoly(oxyethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl) propionyloxy-poly(oxyethylene)	5873-54-1	0.01-1%	H351, H332, H335, H373, H315, H319, H334, H317	Ok	<div></div>	<div></div>	<div></div>	The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
Oxirane, 2-methyl-, polymer with oxirane, ether with 1,2,3-propanetriol (3:1)	9082-00-2	1-5%	H302, None	Ok	<div></div>	<div></div>	<div></div>	The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
PLAYTOP 30								
Reaction mass of 4,4'-methylenediphenyl diisocyanate and o-(piscyanatobenzyl) phenyl isocyanate / methylene diphenyl diisocyanate	EC number: 905-806-4	1-5%	H334, H351, H373, H332, H315, H319, H317, H335	Ok	<div></div>	<div></div>	<div></div>	The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
Isocyanic acid, polymethylenepolyphenylene ester	9016-87-9	0.01-1%	IARC 3, H315, H319, H335, H334, H373, H317, H332, H351, H330, H302, H410, H314, H312, H341	Ok	<div></div>	<div></div>	<div></div>	The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate	125643-61-0	0.01-1%	H413	Ok	<div></div>	<div></div>	<div></div>	The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
oxydiethylene bis(chloroformate)	106-75-2	0.01-1%	H302, H315, H318, H411	Ok	<div></div>	<div></div>	<div></div>	The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown

reaction mass of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omegahydroxypoly(oxyethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionylomega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxy-poly(oxyethylene)	ELINCS: 400-830-7	0.01-1%	H411, H317	Ok				The unreacted substance is harmful to humans and aquatic life. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
Oxirane, 2-methyl-, polymer with oxirane, ether with 1,2,3-propanetriol (3:1)	9082-00-2	1-5%	H302	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
reaction mass of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omegahydroxypoly(oxyethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionylomega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxy-poly(oxyethylene)	25322-69-4	1-5%	None	Ok				The substance is non hazardous Recycled Content:None Nano Materials: Unknown
1,2-Cyclohexanedicarboxylic acid, 1,2-diisononyl ester	166412-78-8	0.01-1%	None	Ok				The substance is non hazardous Recycled Content:None Nano Materials: Unknown
PLAYTOP 21								
4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate	101-68-8	0.01-1%	IARC 3, H351, H332, H335, H373, H315, H319, H334, H317	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
Isocyanic acid, polymethylenepolyphenylene ester	9016-87-9	0.01-1%	IARC 3, H315, H319, H335, H334, H373, H317, H332, H351, H330, H302, H410, H314, H312, H341, None	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
4,4'-Methylenediphenyl diisocyanate, oligomers	25686-28-6	0.01-1%	H332, H351, H319, H334, H373, H335, H315, H317	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
o-(p-isocyanatobenzyl)phenyl isocyanate; diphenylmethane-2,4'-diisocyanate	5873-54-1	0.01-1%	H351, H332, H335, H373 **, H315, H319, H334, H317	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. , since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown

Oxirane, polymer with methyloxirane, ether with 1,2-propanediol (2:1)	53637-25-5	0.01-1%	H302, H315, H319	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
Propane-1,2-diol, propoxylated	25322-69-4	1-5%	None	Ok				The substance is non hazardous Recycled Content:None Nano Materials: Unknown
Oxirane, 2-methyl-, polymer with oxirane, ether with 1,2,3-propanetriol (3:1)	9082-00-2	0.01-1%	H302	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
Recycled rubber granules 2-6 mm	NA	30-50%	None	Ok				The substance is non hazardous Recycled Content: Post consumer Nano Materials: Unknown
PLAYTOP 05								
hexamethylene diisocyanate oligomers (uretdion type)	EC number: 931-297-3	1-5%	H331, H317, H335	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
Reaction mass of 1-Hexanol, 2-ethyl-, reaction products with 1,6-diisocyanatohexane and Hexane, 1,6-diisocyanato-, homopolymer	EC number: 939-549-4 Reg.nr.: 01-2119980939-13-0000	0.01-1%	H332, H315, H317, H335	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
m-tolylidene diisocyanate; toluene-diisocyanate	26471-62-5	0.01-1%	IARC 2B, H351, H330, H335, H315, H319, H334, H317, H412	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
4-isocyanatosulphonyltoluene; tosyl isocyanate	4083-64-1	0.01-1%	H335, H315, H319, H334	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
Propane-1,2-diol, propoxylated	25322-69-4	1-5%	None	Ok				The substance is non hazardous Recycled Content:None Nano Materials: Unknown
Propane-1,2-diyl diacetate	623-84-7	0.01-1%	None	Ok				The substance is non hazardous Recycled Content:None Nano Materials: Unknown
PLAYTOP 10								
Reaction mass of 1-Hexanol, 2-ethyl-, reaction products with 1,6-diisocyanatohexane and Hexane, 1,6-diisocyanato-, homopolymer	EC number: 939-549-4	1-5%	H332, H315, H317, H335	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown

hexamethylene diisocyanate oligomers (uretdion type)	EC number: 931-297-3	0.01-1%	H331, H317, H335	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
oxirane, polymer with methyloxirane, ether with 1,2-propanediol (2:1)	53637-25-5	1-5%	H302, H315, H319	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
Propane-1,2-diol, propoxylated	25322-69-4	1-5%	None	Ok				The substance is non hazardous Recycled Content:None Nano Materials: Unknown
Reaction mass of 1-Hexanol, 2-ethyl-, reaction products with 1,6-diisocyanatohexane and Hexane, 1,6-diisocyanato-, homopolymer	EC: 939-549-4	1-5%	H332, H315, H317, H335	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
EPDM granules	25038-36-2	30-50%	None	Ok				The substance is non hazardous Recycled Content: Post consumer Nano Materials: Unknown
PLAYTOP with NIKE GRIND rubber	NA	30-50%	None	Ok				The substance is non hazardous Recycled Content: Post consumer Nano Materials: Unknown
PLAYTOP black technical EPDM granules	25038-36-2	30-50%	None	Ok				The substance is non hazardous Recycled Content: Post consumer Nano Materials: Unknown
PLAYTOP 51/1, PA colourless								
Aspartic acid, N,N'-(methylene-di-4,1-cyclohexanediyl)bis-, 1,1',4,4'-tetraethyl ester	136210-30-5	1-5%	H317, H412	Ok				The unreacted substance is harmful to humans and aquatic life. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
Diethyl fumarate	623-91-6	0.01-1%	H302, H315, H335, H373, H318, H319, None, H332, H371, H312, H317, H412	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
Silicon dioxide	7631-86-9	0.01-1%	IARC 3, None	Ok				The substance is non hazardous Recycled Content:None Nano Materials: Unknown
PLAYTOP 51/1, PB								
Reaction mass of 1-Hexanol, 2-ethyl-, reaction products with 1,6-diisocyanatohexane and Hexane, 1,6-diisocyanato-, homopolymer	EC: 939-549-4	0.01-1%	H332, H315, H317, H335	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown

Hexamethylene diisocyanate oligomers (uretdion type)	931-297-3	0.01-1%	H331, H317, H335	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
Oxirane, polymer with methyloxirane, ether with 1,2-propanediol (2:1)	53637-25-5	0.01-1%	H302, H315, H319	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
Propane-1,2-diol, propoxylated	25322-69-4	1-5%	None	Ok				The substance is non hazardous Recycled Content:None Nano Materials: Unknown
Reaction mass of 1-Hexanol, 2-ethyl-, reaction products with 1,6-diisocyanatohexane and Hexane, 1,6-diisocyanato-, homopolymer	EC: 939-549-4	0.01-1%	H332, H315, H317, H335	Ok				The unreacted substance is harmful to humans if inhaled, swallowed, contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
PLAYTOP 52, P.A								
water	7732-18-5	0.01-1%	None	Ok				The substance is non hazardous Recycled Content:None Nano Materials: Unknown
1,4-bis(4-chlorophenyl)-2,5-dihydropyrrolo[3,4-c]pyrrole-3,6-dione	84632-65-5	0.01-1%	None	Ok				The substance is non hazardous Recycled Content:None Nano Materials: Unknown
Aqueous dispersion (polyacrylic dispersions)	NA	0.01-1%	None	Ok				The substance is non hazardous Recycled Content:None Nano Materials: Unknown
PLAYTOP 52, P.B								
Hexamethylene diisocyanate oligomers	EC number: 931-274-8	0.01-1%	H332, H317, H335	Ok				The unreacted substance is harmful to humans if contact in eye/skin. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown
alkcohol, ethoxylated, phosphated	9046-01-09	0.01-1%	H318, H315, H412	Ok				The unreacted substance is harmful to humans if contact in eye/skin and aquatic life. The health and safety procedures reduces the risks during the manufacturing stage. Since the substance is cured in the final product it does not have significant risks to end user. Recycled Content:None Nano Materials: Unknown

GHS classification

H225: Flammable liquids 2
 H302: Acute toxicity, oral 2
 H304: Aspiration hazard 1
 H315: Skin corrosion/irritation 2
 H317: Skin Sensitization 1
 H318: Serious eye damage/eye irritation 1
 H319: Serious eye damage/eye irritation 2A
 H330: Acute toxicity, inhalation 1 & 2
 H331: Acute toxicity, inhalation 3
 H332: Acute toxicity, inhalation 4
 H334: Respiratory Sensitization 1
 H335: Specific target organ toxicity, single exposure; Respiratory tract irritation 3
 H336: Specific target organ toxicity, single exposure; Narcotic effects 3
 H351: Carcinogenicity 2
 H361: Reproductive toxicity 2
 H373: Specific target organ toxicity, repeated exposure 2
 H400: Hazardous to the aquatic environment, acute hazard 1
 H410: Hazardous to the aquatic environment, long-term hazard 1
 H411: Hazardous to the aquatic environment, long-term hazard 2

H412: Hazardous to the aquatic environment, long-term hazard 3

IARC Group:

IARC 2B: Possibly Carcinogenic to human

IARC 3: Not classifiable as to its carcinogenicity to human

Comments:

1. The final product can release toxic material if burnt.

2. The manufacturer has an OHS policy and Environmental Management system in place. The manufacturer is ISO9001 and ISO14001 Certified.

3. No VOC Test