



Holcim Australia Pty Ltd

Ready Mix Concrete

Holcim Ready Mix Concrete products are designed for residential applications, low rise buildings, paving and driveways as well as high performance concrete designed to meet specific applications and needs of our customers. Holcim Concrete is available in a variety of specifications with varying strength, slump and maximum aggregate sizes as well as specialised properties such as low shrinkage and high workability.

Products/Ranges: Various - See Comments
Product Stages Assessed: Whole of life + In-Use

Product Type: Concrete

CSI Masterformat: 03 00 00 - Concrete

Licenced Site/s: Australia

Licence Number: HOL:RM01:2024:PH
Licence Date: 26th June 2024
Valid To: 26th June 2025

Standard: GGT International v4.0

Screening Date: 07th May 2025

PHD URL: www.globalgreentag.com/certificate/2784/



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 Green Star * 'Buildings v1.0' as Recognized for~ Credit 6: Responsible Structure; Credit 9: Responsible Finishes.

Meets IWBI WELL V1.0 as Recognized for ~ Feature 26 (Part 1); Feature 97 (Part 1); 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:

IN USE HEALTH (INCL VOCS): HEALTHRATE 100%

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
- 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 & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Aggregate								
Aggregate (containing crystalline silica (quartz))	14808-60-7	50-70%	IARC 1	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final use and does not have any identifiable risks to users as long as it remains whole. Note: Aggregate composition naturally varies depending on source location. Hazards relating to silica are related small particle size and the silica in this product may include larger, non hazardous particles. The worst case has been used for this assessment. Recycled Content: None Nanomaterials: Unknown
Quartz (crystalline silica) (respirable fraction)	14808-60-7	0.01-	IARC 1	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final use and does not have any identifiable risks to users as long as it remains whole. Note: Aggregate composition naturally varies depending on source location. Hazards relating to silica are related small particle size and the silica in this product may include larger, non hazardous particles. The worst case has been used for this assessment. Recycled Content: None Nanomaterials: Unknown
Asbestiform actinolite	77536-66-4	<0.01%	H350 (Carc. 1A), H372 ** (STOT RE 1)	OK				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final use and does not have any identifiable risks to users as long as it remains whole. Note: Aggregate composition naturally varies depending on source location. The worst case has been used for this assessment. This material may not be present in the product and if present levels are likely are likely to be well below the assessment scope. Recycled Content: None Nanomaterials: Unknown
Other naturally formed substances	Residue	50-70%	None	ОК	_	_	_	There are no identifiable risks related to this substance. Note: Aggregate composition naturally varies depending on source location. The worst case has been assessed above Recycled Content: None Nanomaterials: Unknown
Fly ash								There are no identifiable hazards related to
Mullite	1302-93-8	15-30%	None	OK				this substance. Note: Fly Ash composition varies depending on source of power station and of the initial coal. The worst case has been used for this assessment. Recycled Content: None Nanomaterials: Unknown



Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Crystalline silica (quartz)	14808-60-7	1-5%	IARC 1	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Note: Fly Ash composition varies depending on source of power station and of the initial Coal. Hazards relating to silica are related small particle size and the silica in this product may include larger, non hazardous particles. The worst case has been used for this assessment. Recycled Content: None Nanomaterials: Unknown
Total respirable silica	14808-60-7	1-5%	IARC 1	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Note: Fly Ash composition varies depending on source of power station and of the initial coal. Hazards relating to silica are related small particle size and the silica in this product may include larger, non hazardous particles. The worst case has been used for this assessment. Recycled Content: None Nanomaterials: Unknown
Hexavalent chromium Cr (VI)	18540-29-9	<0.01%	IARC 1, H410 (Aquatic Chronic 1), H400 (Aquatic Acute 1), H317 (Skin Sens. 1), H350 (Carc. 1B)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Note: Fly Ash composition varies depending on source of power station and of the initial coal. The worst case has been used for this assessment. Recycled Content: None Nanomaterials: Unknown
General Purpose Cem	nent							
Portland clinker	65997-15-1	50-70%	H315 (Skin Irrit. 2), H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H317 (Skin Sens. 1), H319 (Eye Irrit. 2A), None, H351 (Carc. 2), H372 (STOT RE 1)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Note: Cement composition varies depending on the source of the mined components. The worst case has been used for this assessment. Recycled Content: None Nanomaterials: Unknown



Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
10101-41-4	1-5%	None	OK				There are no identifiable hazards related to this substance. Note: Cement composition varies depending on the source of the mined components. The worst case has been used for this assessment. Recycled Content: None Nanomaterials: Unknown
1317-65-3	1-5%	None	OK	_		_	There are no identifiable hazards related to this substance. Note: Cement composition varies depending on the source of the mined components. The worst case has been used for this assessment. Recycled Content: None Nanomaterials: Unknown
1305-78-8	0.01-	H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H315 (Skin Irrit. 2)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
18540-29-9	0.01-1%	IARC 1, H410 (Aquatic Chronic 1), H400 (Aquatic Acute 1), H317 (Skin Sens. 1), H350 (Carc. 1B)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Note: Cement composition varies depending on the source of the mined components. The worst case has been used for this assessment. Recycled Content: None Nanomaterials: Unknown
14808-60-7	<0.01%	IARC 1	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Note: Cement composition varies depending on the source of the mined components. Hazards relating to silica are related small particle size and the silica in this product may include larger, non hazardous particles. The worst case has been used for this assessment. Recycled Content: None Nanomaterials: Unknown
	10101-41-4 1317-65-3 1305-78-8	Cas Number OR Function tion in finished product 10101-41-4 1-5% 1317-65-3 1-5% 18540-29-9 0.01-1% 1% 1%	Cas Number OR Function tion in fin-ished product GHS, IARC & Endocrine Disruptor 10101-41-4 1-5% None 1317-65-3 1-5% None 1305-78-8 0.01- 1% H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H315 (Skin Irrit. 2) 18540-29-9 0.01- 1% H410 (Aquatic Chronic 1), H400 (Aquatic Acute 1), H317 (Skin Sens. 1), H350 (Carc. 1B)	Cas Number OR Function tion in final in final in the product GHS, IARC & Endocrine Disruptor Reach Compliance 10101-41-4 1-5% None OK 1317-65-3 1-5% None OK 1305-78-8 0.01- 1% H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H315 (Skin Irrit. 2) OK 18540-29-9 0.01- 1% IARC 1, H410 (Aquatic Chronic 1), H400 (Aquatic Acute 1), H317 (Skin Sens. 1), H350 (Carc. 1B) OK	Cas Number OR Function Ingredient fine Disruptor product Reach Compliance Ingredient Hazard Disclosure 10101-41-4 1-5% None OK 1317-65-3 1-5% None OK 1305-78-8 0.01- 1% H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H315 (Skin Irrit. 2) OK 18540-29-9 0.01- 1% H410 (Aquatic Chronic 1), H400 (Aquatic Acute 1), H317 (Skin Sens. 1), H350 (Carc. 1B) OK	Cas Number OR Function tion in fin- ished prod- uct GHS, IARC & Endo- crine Disruptor Reach Compli- ance Ingredient Hazard Disclosure Risk As- sessment 10101-41-4 1-5% None OK Ingredient Hazard Disclosure Risk As- sessment 1317-65-3 1-5% None OK OK 1305-78-8 0.01- 1% H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H317 (Skin Irrit. 2) OK 18540-29-9 0.01- 1% H410 (Aquatic Chronic 1), H317 (Skin Sens. 1), H3350 (Carc. 1B) OK	Cas Number of Finition in finition is product. 10101-41-4 1-5% None OK 1317-65-3 1-5% None OK 1305-78-8 0.01- 19% H318 (Eye Dam. 1), H335 (Skin Irrit. 2) IARC 1, H410 (Aquatic Chronic 1), H317 (Skin Sens. 1), H317 (Skin Sens. 1), H337 (Carc. 1B) IRS40-29-9 0.01- 19% H318 (Carc. 1B)

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Slags, ferrous metal, blast furnace	65996-69-2	50-70%	None	ОК				Main hazards include inhalation and contact irritation. Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Note: Blast Furnic Slag is processed from a by product and its composition varies. The worst case has been used for this assessment. Recycled Content: None Nanomaterials: Unknown
Silca Fume								
Fumes, silica	69012-64-2	50-70%	None	ОК				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Silca Fume								
Charcoal	16291-96-6	5-15%	None	ОК				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Cristobalite	14464-46-1	0.01-	H372 (STOT RE 1), H373 (STOT RE 2), H350 (Carc. 1B), None, H351 (Carc. 2), H332 (Acute Tox. 4 (Inhalation)), H370 (STOT SE 1), H319 (Eye Irrit. 2A), H335 (STOT SE 3 (Resp.)), H317 (Skin Sens. 1), H315 (Skin Irrit. 2), H341 (Muta. 2),	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Quartz (crystalline silica)	14808-60-7	0.01-	IARC 1	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Note: Hazards relating to silica are related small particle size and the silica in this product may include larger, non hazardous particle sizes. Recycled Content: None Nanomaterials: Unknown
Silica, amorphous - fume	69012-64-2	50-70%	None	ОК	_			There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Sand								



Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health As- sessment	Comment
Quartz (crystalline silica)	14808-60-7	15-30%	IARC 1	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Note: Hazards relating to silica are related small particle size and the silica in this product may include larger, non hazardous particles. Recycled Content: None Nanomaterials: Unknown
Other naturally formed substances	Other	0.01- 1%	None	OK		_		There are no identifiable hazards related to this substance. The worst case has been used for this assessment. Recycled Content: None Nanomaterials: Unknown
Water								There are no identifiable hazards related to
Mains water / recy- cled water	7732-18-5	15-30%	None	OK				this substance. Recycled Content: Unknown Nanomaterials: None
Fibers (plastic)								There are no identifiable hazards related to
Polypropylene:	9003-07-0	50-70%	IARC 3, H228 (Flam. Sol. 1)	OK				this substance. Recycled Content: None Nanomaterials: None
Proprietary	To limit cracking	1-5%	None Declared	OK		_		There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Fibers (plastic)								
Polypropylene:	9003-07-0	50-70%	IARC 3, H228 (Flam. Sol. 1)	ОК				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Proprietary	To limit cracking	1-5%	None Declared	ОК				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Fibers (plastic)								
Polypropylene:	9003-07-0	50-70%	IARC 3, H228 (Flam. Sol. 1)	ОК				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Proprietary	To limit cracking	1-5%	None Declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Fibers (steel)								
Low carbon steel	12597-69-2	5-15%	None	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Fibers (plastic)								
Polypropylene homopolymer	9003-07-0	5-15%	IARC 3, H228 (Flam. Sol. 1)	ОК				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Fibers (plastic)								There are no idea of the barries of
Polypropylene homopolymer	9003-07-0	5-15%	IARC 3, H228 (Flam. Sol. 1)	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Proprietary	To limit cracking	0.01- 1%	None	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None



Ingredient Name	Cas Number OR Function	tion in fin- ished prod- uct	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health As- sessment	Comment
Fibre reinforcement -	1							
Low carbon steel	12597-69-2	5-15%	None	ОК	_			There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Proprietary	Reinforce- ment	<0.01%	None Declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Fiber reinforcement -	2							
Polypropylene	9003-07-0	5-15%	IARC 3, H228 (Flam. Sol. 1)	ОК				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Polypropylene	Reinforce- ment	5-15%	None	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Fiber reinforcement -	3							
Polypropylene	9003-07-0	5-15%	IARC 3, H228 (Flam. Sol. 1)	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Fibers (plastic)								
Polypropylene	9003-07-0	5-15%	IARC 3, H228 (Flam. Sol. 1)	ОК				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Proprietary	Reinforce- ment	1-5%	None Declared	ОК				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, low embo	odied carbon c	oncrete						
Limestone (calcium carbonate)	471-34-1	1-5%	None, H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H315 (Skin Irrit. 2)	ОК				Substance is present in higher levels in the natural environment. Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as remains whole. Recycled Content: None Nanomaterials: Unknown
Other non-hazard- ous materials	Cement re- placement	0.01- 1%	None	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Admixture, low embo	odied carbon co	oncrete						
Calcium com- pounds	Cement replacement	1-5%	None	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Limestone (calcium carbonate)	471-34-1	0.01-	None, H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H315 (Skin Irrit. 2)	ОК			_	Substance is present in higher levels in the natural environment. Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as remains whole. Recycled Content: None Nanomaterials: Unknown



Proprietary Cenent re- placement 196 Admixture, low embodied carbon concrete Calcium companies 197 Cenent re- pounds Cenent re- pounds Cenent re- placement 196 None OK Cenent re- placement 196 None Declared OK Cenent re- placement 196 None OK Cenent re- placement 197 None OK Cenent re- placement 197 None OK Cenent re- placement 197 None Declared OK Cenent re- placement 20.01- 197 None Declared OK Cenent re- placement 20.01- 198 None Declared OK Cenent re- Recycled Content: None Nanomaterials: None Nanomaterials: None Nanomaterials: Unknown Nanom	Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Calcium compounds Cement replacement OLD1- placement O	Proprietary			None Declared	ОК	_	_		Recycled Content: None
Calcium compounds Cament replacement 1% Double None OK Cement replacement 1% Double None Declared OK Cement replacement 1% Double None Declared OK Cement replacement 1% Admixture, low embodied carbon concrete Calcium compounds NA 0.01- 1% None OK Cement replacement 1% None OK There are no declared hazards related to tabustance. Recycled Content: None Narromaterials: None There are no declared hazards related to tabustance. Na 0.01- 1% None Declared OK Recycled Content: None Narromaterials: Unknown There are no declared hazards related to tabustance. Recycled Content: None Narromaterials: Unknown There are no declared hazards related to tabustance. Recycled Content: None Narromaterials: Unknown There are no declared hazards related to tabustance. Recycled Content: None Narromaterials: Unknown There are no declared hazards related to tabustance. Recycled Content: None Narromaterials: Unknown There are no declared hazards related to tabustance. Recycled Content: None Narromaterials: Unknown There are no declared hazards related to tabustance. Recycled Content: None Narromaterials: Unknown There are no declared hazards related to tabustance. Recycled Content: None Narromaterials: Unknown There are no declared hazards related to tabustance. Recycled Content: None Narromaterials: Unknown Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plotic in require installation personnel to have understood the product SDS, limited ble use Product SDS, limited so the product SDS, limited so the product SDS, limited generation to a slow as reasonably practic limited by the product SDS, limited generation to a slow as reasonably practic limited by the product SDS, limited generation to a slow as reasonably practic limited by the product SDS, limited generation to	Admixture, low embo	odied carbon co	oncrete						
Proprietary Cement replacement 196 None Declared OK Recycled Content: None Nanomaterials: None Admixture, low embodied carbon concrete Calcium compounds NA 0.01 196 None OK There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown There are no identifiable hazards related to the substance. Recycled Content: None Nanomaterials: Unknown There are no identifiable hazards related to the substance. Recycled Content: None Nanomaterials: Unknown There are no ideclared hazards related to the substance. Recycled Content: None Nanomaterials: Unknown There are no ideclared hazards related to the substance. Recycled Content: None Nanomaterials: Unknown Nanomaterial				None	ОК				Recycled Content: None
Calcium compounds NA 0.01- 196 None OK	Proprietary			None Declared	ОК	_			Recycled Content: None
Calcium compounds Proprietary Cement replacement Cement replacement Complement Comple	Admixture, low embo	odied carbon co	oncrete						
Proprietary Cement replacement 1% None Declared OK substance. Recycled Content: None Nanomaterials: None Admixture air entrainer Risks during the manufacturing stage are mitigated through WHS Policy and SHE PI Holcim requires installation personnel to have understood the product 5Ds. limit dispensable and use wet methods cleaning. This material is hardened in the product and does not have any identifiable risks to users as long as if remains whole. Recycled Content: None Nanomaterials: Unknown Risks during the manufacturing stage are mitigated through WHS Policy and SHE PI Holcim requires installation personnel to have understood the product 5Ds. limit dispensable and use wet methods cleaning. This material is hardened in the product and does not have any identifiable risks to users as long as if remains whole. Recycled Content: None Risks during the manufacturing stage are mitigated through WHS Policy and SHE PI Holcim requires installation personnel to have understood the product 5Ds. limit dispensable reproduct and does not have any identifiable risks to users as long as if remains whole. Recycled Content: None None Declared OK Risks during the manufacturing stage are mitigated through WHS Policy and SHE PI Holcim requires installation personnel to have understood the product 5Ds. limit dispensable to have understood the product of SHE PI Holcim requires installation personnel to have understood the product of SHE PI Holcim requires installation personnel to have understood the product of SHE PI Holcim requires installation personnel to have understood the product Application and the product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Risks during the manufacturing stage are mitigated through WHS Policy and SHE PI Holcim requires installation to a low as reasonably practic to have understood the product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None		NA		None	ОК				Recycled Content: None
Risks during the manufacturing stage are mitigated through WHS Policy and SHE PI Holcim requires installation personnel to have understood the product SD, limit d generation to as low as reasonably practic ble, use PPE including P2 Respirators whe dust is unavoidable and use wet methods risks to users as long as it remains whole. Risks during the manufacturing stage are mitigated through WHS Policy and SHE PI Holcim requires installation personnel to have understood the product SD, limit d generation to as low as reasonably practic ble, use PPE including P2 Respirators whe dust is unavoidable and use wet methods risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown H330 (Acute Tox. 2), H311 (Acute Tox. 3), H301 (Acute Tox. 4), H301 (Acute Tox. 4), H301 (Acute Tox. 4), H301 (Acute Tox. 4), H301 (Acute	Proprietary			None Declared	OK	_			Recycled Content: None
Benzenesulfonic acid, mono-c10-16- acid, mono-c10-16- acid, mono-c10-16- life (Orall), H318 (Eye Dama 1), H335 (STOT SE 3) (Resp.)), H3315 (Skin Irrit. 2) OK Benzenesulfonic acid, mono-c10-16- acid mono-c10-16- have understood the product SDS, limit digeneration to as low as reasonably practic ble, use PPE including P2 Respirators whe dust is unavoidable and use wet methods cleaning. This material is hardened in the product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown Benzenesulfonic acid mono-c10-16- life (Orall), H3316 (SK plann 1), H338 (Eye Dama 1), H3311 (Acute Tox. 2), H3311 (Acute Tox. 3), H3314 (Skin Corr. 1), H3314 (Skin Corr. 1), H3314 (Skin Corr. 1), H3316 (Eye Dama 2), H3316 (Eye Dama 2), H3316 (Eye Dama 3), H3316 (Eye Da	Admixture air entrair	ner							
Proprietary 85-95-0 Annual Acute Tox. 3), H311 (Acute Tox. 3), H314 (Skin Corr. 1), H318 (Eye Dam. 1), H318 (Eye Dam. 1), H317 (Skin Sens. 1A), H400 (Aquatic Acute 1), H410 (Aquatic Chronic 1) None Declared OK When Declared OK H318 (Bye Dam. 1), H400 (Aquatic Acute 1), H410 (Aquatic Chronic 1) None Declared OK When Declared OK H318 (Bye Dam. 1), H400 (Aquatic Acute 1), H400 (Aquatic Acute 1), H410 (Aquatic Chronic 1) None Declared OK When Declared OK H318 (Bye Dam. 1), H318 (Bye Dam. 1), H319 (Bye Dam. 1), H319 (Bye Dam. 1), H319 (Bye Dam. 1), H310 (Bye Declared ble, use PPE including P2 Respirators whe dust is unavoidable and use wet methods cleaning. This material is hardened in the product and does not have any identifiab risks to users as long as it remains whole. Risks during the manufacturing stage are mitigated through WHS Policy and SHE Pl Holcim requires installation personnel to have understood the product SDS, limit did generation to as low as reasonably practice ble, use PPE including P2 Respirators whe dust is unavoidable and use wet methods cleaning. This material is hardened in the product and does not have any identifiab risks to users as long as it remains whole. Recycled Content: None Risks during the manufacturing stage are mitigated through WHS Policy and SHE Pl Holcim requires installation personnel to have understood the product SDS, limit did generation to as low as reasonably practice ble, use PPE including P2 Respirators whe dust is unavoidable and use wethods cleaning. This material is hardened in the product and does not have any identifiab risks to users as long as it remains whole. Recycled Content: None	acid, mono-c10-16- alkyl derivs., sodium	68081-81-2		(Oral)), H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)),	ОК		_	_	mitigated through WHS Policy and SHE Plans Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fine product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None
Proprietary 85-95-0 0.01- 1% None Declared OK mitigated through WHS Policy and ŠHE PI Holcim requires installation personnel to have understood the product SDS, limit d generation to as low as reasonably practice ble, use PPE including P2 Respirators whe dust is unavoidable and use wet methods cleaning. This material is hardened in the product and does not have any identifiab risks to users as long as it remains whole. Recycled Content: None		26530-20-1	<0.01%	H311 (Acute Tox. 3), H301 (Acute Tox. 3), H314 (Skin Corr. 1), H318 (Eye Dam. 1), H317 (Skin Sens. 1A), H400 (Aquatic Acute 1), H410 (Aquatic	ОК				mitigated through WHS Policy and SHE Plans Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the finproduct and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None
	Proprietary	85-95-0		None Declared	ОК		_	_	mitigated through WHS Policy and SHE Plans Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods fo cleaning. This material is hardened in the finproduct and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None
Admixture air entrainer	Admixture air entrair	ner							



Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Benzenesulfonic acid, mono-c10-16- alkyl derivs., sodium salts	68081-81-2	0.01-1%	H302 (Acute Tox. 4 (Oral)), H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H315 (Skin Irrit. 2)	OK				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
2-octyl-2h-isothi- azole-3-one (OIT)	26530-20-1	0.01-	H330 (Acute Tox. 2), H311 (Acute Tox. 3), H301 (Acute Tox. 3), H314 (Skin Corr. 1), H318 (Eye Dam. 1), H317 (Skin Sens. 1A), H400 (Aquatic Acute 1), H410 (Aquatic Chronic 1)	OK				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Proprietary	85-95-0	0.01-	None	OK				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Admixture water redu	ıcer							
2,2'-(methylimino) diethanol; n-meth- yldiethanolamine	105-59-9	0.01-	H319 (Eye Irrit. 2)	ОК		_		Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Sodium thiocyanate	540-72-7	0.01-	H302 (Acute Tox. 4 (Oral)), H312 (Acute Tox. 4 (Dermal)), H332 (Acute Tox. 4 (Inhalation)), H412 (Aquatic Chronic 3), H318 (Eye Dam. 1)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Environmental Hazards are minimised as this material is readily biodegradable. Recycled Content: None Nanomaterials: Unknown



Ingredient Name	Cas Number OR Function	tion in fin- ished prod- uct	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
2-octyl-2h-isothi- azole-3-one (oit)	26530-20-1	0.01-	H330 (Acute Tox. 2), H311 (Acute Tox. 3), H301 (Acute Tox. 3), H314 (Skin Corr. 1), H318 (Eye Dam. 1), H317 (Skin Sens. 1A), H400 (Aquatic Acute 1), H410 (Aquatic Chronic 1)					There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Proprietary	540-72-7	0.01-	H302 (Acute Tox. 4 (Orall), H312 (Acute Tox. 4 (Dermall), H332 (Acute Tox. 4 (Inhalation)), H412 (Aquatic Chronic 3), H318 (Eye Dam. 1)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Proprietary	Additive	0.01-	None Declared	ОК	_	_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Admixture workabil	ty retainer							
2-octyl-2h-isothi- azole-3-one (OIT)	26530-20-1	1-5%	H330 (Acute Tox. 2), H311 (Acute Tox. 3), H301 (Acute Tox. 3), H314 (Skin Corr. 1), H318 (Eye Dam. 1), H317 (Skin Sens. 1A), H400 (Aquatic Acute 1), H410 (Aquatic Chronic 1)					Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Proprietary	Preservative	<0.01%	None	ОК				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Proprietary	Additive	0.01-	None	ОК	_	_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
								National Chais, Olivilowii



Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Chlorocresol	59-50-7	0.01-	H302 (Acute Tox. 4), H335 (STOT SE 3), H314 (Skin Corr. 1C), H318 (Eye Dam. 1), H317 (Skin Sens. 1B), H400 (Aquatic Acute 1), H412 (Aquatic Chronic 3)	ОК	_	_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
2-octyl-2h-isothi- azole-3-one (OIT)	26530-20-1	0.01-	H330 (Acute Tox. 2), H311 (Acute Tox. 3), H301 (Acute Tox. 3), H314 (Skin Corr. 1), H318 (Eye Dam. 1), H317 (Skin Sens. 1A), H400 (Aquatic Acute 1), H410 (Aquatic Chronic 1)	ОК	_	_		Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Proprietary	Preservative	0.01- 1%	None	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Proprietary	Additive	0.01-	Non declared	OK	_	_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Admixture accelerato	or							
Calcium nitrate tetrahydrate	13477-34-4	0.01-	H302 (Acute Tox. 4 (Oral)), H318 (Eye Dam. 1), H272 (Ox. Liq. 3), H373 (STOT RE 2), H371 (STOT SE 2), H319 (Eye Irrit. 2A), H315 (Skin Irrit. 2), None, H335 (STOT SE 3 (Resp.)), H271 (Ox. Liq. 1)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Sodium thiocyanate	540-72-7	0.01-1%	H302 (Acute Tox. 4 (Oral)), H312 (Acute Tox. 4 (Dermal)), H332 (Acute Tox. 4 (Inhalation)), H412 (Aquatic Chronic 3), H318 (Eye Dam. 1)	ОК	_			Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Environmental Hazards are minimised as this material is readily biodegradable. Recycled Content: None Nanomaterials: Unknown



Ingredient Name	Cas Number OR Function	tion in fin- ished prod- uct	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
2,2',2"-nitrilotrieth- anol	102-71-6	0.01-	IARC 3, H318 (Eye Dam. 1)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Proprietary	Additive	0.01- 1%	Non declared	ОК				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture stabiliser								Nanomaterials. None
Propane-1,2-diol	57-55-6	0.01- 1%	None	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
2-octyl-2h-isothi- azole-3-one (OIT)	26530-20-1	<0.01%	H330 (Acute Tox. 2), H311 (Acute Tox. 3), H301 (Acute Tox. 3), H314 (Skin Corr. 1), H318 (Eye Dam. 1), H317 (Skin Sens. 1A), H400 (Aquatic Acute 1), H410 (Aquatic Chronic 1)					Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Chlorocresol	26530-20-1	<0.01%	H330 (Acute Tox. 2), H311 (Acute Tox. 3), H301 (Acute Tox. 3), H314 (Skin Corr. 1), H318 (Eye Dam. 1), H317 (Skin Sens. 1A), H400 (Aquatic Acute 1), H410 (Aquatic Chronic 1)	ОК		_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Proprietary	Preservative	0.01- 1%	Non declared	ОК	_		_	There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Proprietary	Additive	0.01- 1%	Non declared	ОК	_			There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, accelerat	or							
Calcium chloride	10043-52-4	0.01-	H319 (Eye Irrit. 2)	ОК		_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown



Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Triethanolamine	102-71-6	0.01-	IARC 3, H318 (Eye Dam. 1)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Proprietary	Retarder	1-5%	Non declared	ОК				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, accelerato	or							Nanomaterials: None
Calcium nitrate	10124-37-5	0.01-1%	H319 (Eye Irrit. 2A), H315 (Skin Irrit. 2), H302 (Acute Tox. 4 (Orall)), H272 (Ox. Liq. 3), H318 (Eye Dam. 1), H271 (Ox. Liq. 1), None, H335 (STOT SE 3 (Resp.)), H332 (Acute Tox. 4 (Inhalation)), H400 (Aquatic Acute 1), H312 (Acute Tox. 4 (Dermal)), H334 (Resp. Sens. 1)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Sodium thiocyanate	540-72-7	0.01-1%	H302 (Acute Tox. 4 (Oral)), H312 (Acute Tox. 4 (Dermal)), H332 (Acute Tox. 4 (Inhalation)), H412 (Aquatic Chronic 3), H318 (Eye Dam. 1)	ОК		_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Environmental Hazards are minimised as this material is readily biodegradable. Recycled Content: None Nanomaterials: Unknown
2,2′,2″-nitrilotrieth- anol	102-71-6	0.01-	IARC 3, H318 (Eye Dam. 1)	ОК		_		Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Proprietary	Retarder	1-5%	Non declared	ОК				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None



Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Calcium nitrate	10124-37-5	0.01-1%	H319 (Eye Irrit. 2A), H315 (Skin Irrit. 2), H302 (Acute Tox. 4 (Oral)), H272 (Ox. Liq. 3), H318 (Eye Dam. 1), H271 (Ox. Liq. 1), None, H335 (STOT SE 3 (Resp.)), H332 (Acute Tox. 4 (Inhalation)), H400 (Aquatic Acute 1), H312 (Acute Tox. 4 (Dermal)), H334 (Resp. Sens. 1)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Proprietary	Accelerator	0.01- 1%	Non declared	ОК	_			There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, accelera	tor							Nutromaterials. Notice
Calcium nitrite	4339242	0.01-	None	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Calcium nitrate	10124-37-5	0.01-	H319 (Eye Irrit. 2A), H315 (Skin Irrit. 2), H302 (Acute Tox. 4 (Orall)), H272 (Ox. Liq. 3), H318 (Eye Dam. 1), H271 (Ox. Liq. 1), None, H335 (STOT SE 3 (Resp.)), H332 (Acute Tox. 4 (Inhalation)), H400 (Aquatic Acute 1), H312 (Acute Tox. 4 (Dermal)), H334 (Resp. Sens. 1)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Proprietary	Accelerator	0.01- 1%	Non declared	OK	_			There are no declared hazards related to this substance. Recycled Content: None
Admixture, Air Entra	ainer							Nanomaterials: None
Fatty acids, tall oil, potassium salts	61790-44-1	0.01-1%	None, H314 (Skin Irrit. 1), H319 (Eye Irrit. 2A), H315 (Skin Irrit. 2)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Fatty acids, tall-oil, sodium salt	61790-45-2	0.01-	None, H315 (Skin Irrit. 2), H319 (Eye Irrit. 2A)	ОК		_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Sodium dodecyl- benzenesulfonate	25155-30-0	0.01- 1%	None	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown



Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Proprietary	Frost Resistance	0.01- 1%	Non declared	ОК				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, low dens None	ity fill							
Cristobalite	14464-46-1	<0.01%	H372 (STOT RE 1), H373 (STOT RE 2), H350 (Carc. 1B), None, H351 (Carc. 2), H332 (Acute Tox. 4 (Inhalation)), H370 (STOT SE 1), H319 (Eye Irrit. 2A), H335 (STOT SE 3 (Resp.)), H317 (Skin Sens. 1), H315 (Skin Irrit. 2), H341 (Muta. 2), H371 (STOT SE 2)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final use and does not have any identifiable risks to users as long as it remains whole. Note: Hazards relating to cristobalite are related small particle size and the silica in this product may include larger, non hazardous particles. The worst case has been used for this assessment. Recycled Content: None Nanomaterials: Unknown
Quartz (crystalline silica)	14808-60-7	0.01-	IARC 1	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Note: Hazards relating to silica are related small particle size and the silica in this produc may include larger, non hazardous particles. Recycled Content: None Nanomaterials: Unknown
Admixture, plastisize	r							
Diethanolamine	111-42-2	0.01-	IARC 2B, H302 (Acute Tox. 4*), H373 ** (STOT RE 2*), H315 (Skin Irrit. 2), H318 (Eye Dam. 1)	OK	_			Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Nanomaterials: Unknown
Proprietary	Plasticiser	0.01- 1%	Non declared	OK	_	_	_	There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, shrinkage	e compensating	g agents						
2-methylpen- tane-2,4-diol	107-41-5	0.01-1%	H315 (Skin Irrit. 2), H319 (Eye Irrit. 2)	ОК		_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Admixture, superplas	sticizer							T
2-propanol, 1,1'im- inobis-, n-tallow alkyl derivs	68951-72-4	0.01- 1%	None	ОК				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None

Ingredient Name	Cas Number OR Function	tion in fin- ished prod- uct	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Proprietary	Superplasti- ciser	0.01- 1%	Non declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, superplas	sticizer							
Proprietary	Additive	0.01- 1%	Non declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Propoxylated dieth- ylene triamine	29380-50-5	0.01-	H319 (Eye Irrit. 2A), H315 (Skin Irrit. 2), None	ОК		_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
2-propanol, 1,1'im- inobis-, n-tallow alkyl derivs	68951-72-4	0.01- 1%	None	ОК				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, superplas	sticizer							Transmittenais. None
Tetrahydroxyethy- lethylenediamin	0140-07-08	0.01- 1%	None	ОК			_	There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Proprietary	Superplasti- ciser	0.01- 1%	Non declared	ОК				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, viscosity	modifying ager	nts						
Proprietary	See Substance declaration	0.01- 1%	None	ОК				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
5-chloro-2-methyl- 4-isothiazolin-3-one	26172-55-4	0.01-1%	H400 (Aquatic Acute 1), H314 (Skin Irrit. 1), H317 (Skin Sens. 1), H301 (Acute Tox. 3 (Oral)), H318 (Eye Dam. 1), H318 (Eye Dam. 1), H311 (Acute Tox. 3 (Dermal)), None, H410 (Aquatic Chronic 1), H330 (Acute Tox. 2 (Inhalation)), H310 (Acute Tox. 1 (Dermal)), H335 (STOT SE 3 (Resp.)), H331 (Acute Tox. 3 (Inhalation)), H300 (Acute Tox. 2 (Oral)), H413 (Aquatic Chronic 4), H226 (Flam. Liq. 3), H370 (STOT SE 1), H302 (Acute Tox. 4 (Oral)), H312 (Acute Tox. 4 (Dermal))	OK				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Environmental Hazards are minimised through rapid substance biodegrading Nanomaterials: Unknown



Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Butyl stearate	123-95-5	0.01- 1%	None, H413 (Aquatic Chronic 4), H315 (Skin Irrit. 2), H335 (STOT SE 3 (Resp.)), H319 (Eye Irrit. 2A)	ОК	_			There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Proprietary	Waterproof- er	0.01- 1%	Non declared	ОК		_		There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, accelerate	or							Transmittenias. Tone
calcium nitrate	10124-37-5	0.01-1%	H319 (Eye Irrit. 2A), H315 (Skin Irrit. 2), H302 (Acute Tox. 4 (Orall)), H272 (Ox. Liq. 3), H318 (Eye Dam. 1), H271 (Ox. Liq. 1), None, H335 (STOT SE 3 (Resp.)), H332 (Acute Tox. 4 (Inhalation)), H400 (Aquatic Acute 1), H312 (Acute Tox. 4 (Dermal)), H334 (Resp. Sens. 1)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plan: Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods fo cleaning. This material is hardened in the fin product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Sodium thiocyanate	10124-37-5	0.01-1%	H319 (Eye Irrit. 2A), H315 (Skin Irrit. 2), H302 (Acute Tox. 4 (Orall)), H272 (Ox. Liq. 3), H318 (Eye Dam. 1), H271 (Ox. Liq. 1), None, H335 (STOT SE 3 (Resp.)), H332 (Acute Tox. 4 (Inhalation)), H400 (Aquatic Acute 1), H312 (Acute Tox. 4 (Dermal)), H334 (Resp. Sens. 1)	ОК		_		Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods fo cleaning. This material is hardened in the fine product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
2,2',2"-nitrilotrieth- anol	102-71-6	0.01-1%	IARC 3, H318 (Eye Dam. 1)	ОК	_	_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plan Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fin product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
2,2'-iminodiethanol	111-42-2	0.01-1%	IARC 2B, H302 (Acute Tox. 4*), H373 ** (STOT RE 2*), H315 (Skin Irrit. 2), H318 (Eye Dam. 1)	ОК	_	_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plan Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods fo cleaning. This material is hardened in the fin product and does not have any identifiable risks to users as long as it remains whole. Nanomaterials: Unknown
Proprietary	Additive	0.01- 1%	Non declared	ОК	_	_		There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None



Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health Assessment	Comment
Proprietary	Additive	0.01- 1%	Non declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Calcium nitrate tetrahydrate	13477-34-5	0.01- 1%	None	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Admixture, accelerate	or							Transmitteniais, ornarown
Calcium chloride	10043-52-4	<0.01%	H319 (Eye Irrit. 2)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Calcium dihydrox- ide	1305-62-0	0.01-	H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H315 (Skin Irrit. 2), None	OK				Substance is present in higher levels in the natural environment. Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as iremains whole. Recycled Content: None Nanomaterials: Unknown
2,2'-iminodiethanol	111-42-2	0.01-	IARC 2B, H302 (Acute Tox. 4*), H373 ** (STOT RE 2*), H315 (Skin Irrit. 2), H318 (Eye Dam. 1)	ОК		_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Nanomaterials: Unknown
Proprietary	Additive	0.01- 1%	Non declared	OK	_		_	There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, Air Entrai	ner,							
5-chloro-2-methyl- 4-isothiazolin-3- one and 2-methyl-4- isothiazolin-3-one	55965-84-9	0.01-	H330 (Acute Tox. 2), H310 (Acute Tox. 2), H301 (Acute Tox. 3), H314 (Skin Corr. 1C), H318 (Eye Dam. 1), H317 (Skin Sens. 1A), H400 (Aquatic Acute 1), H410 (Aquatic Chronic 1)	ОК		_		Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Sodium dodecyl- benzenesulpho- nate, pure	25155-30-0	0.01- 1%	None	ОК				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown



Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Admixture, Air Entraii	ner,							
Sodium dodecyl- benzenesulpho- nate, pure	25155-30-1	0.01- 1%	None	ОК			_	There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
A mixture of: 5-chloro-2-methyl- 4-isothiazolin-3- one and 2-methyl- 4-isothiazolin-3-one (3:1)	55965-84-9	0.01-	H330 (Acute Tox. 2), H310 (Acute Tox. 2), H301 (Acute Tox. 3), H314 (Skin Corr. 1C), H318 (Eye Dam. 1), H317 (Skin Sens. 1A), H400 (Aquatic Acute 1), H410 (Aquatic Chronic 1)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Admixture, Air Entraii	ner							
A mixture of: 5-chloro-2-methyl- 4-isothiazolin-3- one and 2-methyl- 4-isothiazolin-3-one (3:1)	55965-84-10	0.01- 1%	None	OK	_			There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Sodium dodecyl- benzenesulpho- nate, pure	25155-30-0	0.01- 1%	None	ОК				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Admixture, plasticize	r							National Charles
Bronopol	52-51-7	0.01-	H312 (Acute Tox. 4*), H302 (Acute Tox. 4*), H335 (STOT SE 3), H315 (Skin Irrit. 2), H318 (Eye Dam. 1), H400 (Aquatic Acute 1)	ОК	_	_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fining product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Proprietary	See Substance declaration	0.01- 1%	Non declared	ОК	_			There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, plasticize	r,							
Proprietary		0.01- 1%	Non declared	ОК			_	There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Admixture, polyfunct	ional							
Nitrilotrimethylen- etris(phosphonic acid)	6419-19-8	0.01-	H319 (Eye Irrit. 2A), H290 (Met. Corr. 1), H315 (Skin Irrit. 2)	ОК		_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plan Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fin product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown



Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Sodium hydroxide	1310-73-2	<0.01%	H314 (Skin Corr. 1A)	OK				Substance is present in higher levels in the natural environment. Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Phosphonic acid	13598-36-2	1-5%	H302 (Acute Tox. 4*), H314 (Skin Corr. 1A)	ОК		_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
4-chloro-3-methyl phenol	59-50-7	0.01-	H302 (Acute Tox. 4), H335 (STOT SE 3), H314 (Skin Corr. 1C), H318 (Eye Dam. 1), H317 (Skin Sens. 1B), H400 (Aquatic Acute 1), H412 (Aquatic Chronic 3)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Environmental hazards are minimised through rapid substance biodegration Nanomaterials: Unknown
Proprietary	Preservative	0.01- 1%	Non declared	ОК				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, polyfunc	tional							
2,2'-(octa- dec-9-enylimino) bisethanol	25307-17-9	0.01-1%	H302 (Acute Tox. 4 (Orall)), H400 (Aquatic Acute 1), H410 (Aquatic Chronic 1), H318 (Eye Dam. 1), H314 (Skin Irrit. 1)	OK				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Environmental Hazards are minimised through rapid biodegration. Recycled Content: None Nanomaterials: Unknown
Triisobutyl phos- phate	126-71-6	0.01-	H317 (Skin Sens. 1)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown



Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health Assessment	Comment
Proprietary	Defoaming Agent		Non declared	ОК	_		_	There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, polyfunc	tional							
Silicic acid (h2sio3), disodium salt	6834-92-0	0.01-	H335 (STOT SE 3), H314 (Skin Corr. 1B)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Proprietary	Polyfunc- tional	0.01- 1%	Non declared	ОК			_	There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, polyfunc	tional							Nationiaterials, Notice
Quartz (sio2)	14808-60-7	0.01-	IARC 1	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Note: Hazards relating to silica are related small particle size and the silica in this product may include larger, non hazardous particles. Recycled Content: None Nanomaterials: Unknown
Magnesium oxide	1309-48-4	0.01-11%	None, H319 (Eye Irrit. 2A), H315 (Skin Irrit. 2), H410 (Aquatic Chronic 1), H317 (Skin Sens. 1), H335 (STOT SE 3 (Resp.)), H371 (STOT SE 2), H302 (Acute Tox. 4 (Orall)), H318 (Eye Dam. 1), H304 (Asp. Tox. 1), H304 (Asp. Tox. 1), H361 (Repr. 2), H336 (STOT SE 3 (Narcotic Effect)), H400 (Aquatic Acute 1), H225 (Flam. Liq. 2), H373 (STOT RE 2), H332 (Acute Tox. 4 (Inhalation)), H334 (Resp. Sens. 1), H411 (Aquatic Chronic 2)					Substance is present in higher levels in the natural environment. Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Quarz (SiO2), respirable particles	14808-60-7	0.01-	IARC 1	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Note: Hazards relating to silica are related small particle size and the silica in this product may include larger, non hazardous particles. Recycled Content: None



Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Proprietary	Impurity	0.01- 1%	Non declared	ОК	_		_	There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, polyfunct	tional							
Bronopol	52-51-7	0.01-	H312 (Acute Tox. 4*), H302 (Acute Tox. 4*), H335 (STOT SE 3), H315 (Skin Irrit. 2), H318 (Eye Dam. 1), H400 (Aquatic Acute 1)	ОК	_			Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Mixture of: 5-chloro-2-methyl- 2h-isothiazol-3- one and 2-methyl-2h- isothiazol-3-one (3:1)	55965-84-9	0.01-	H330 (Acute Tox. 2), H310 (Acute Tox. 2), H301 (Acute Tox. 3), H314 (Skin Corr. 1C), H318 (Eye Dam. 1), H317 (Skin Sens. 1A), H400 (Aquatic Acute 1), H410 (Aquatic Chronic 1)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Proprietary	Preservative	0.01- 1%	Non declared	ОК				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, polyfunct	tional							
2-methylpen- tane-2,4- diol	107-41-5	0.01- 1%	H315 (Skin Irrit. 2), H319 (Eye Irrit. 2)	ОК			_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Admixture, polyfunct	tional							
Acrylic acid	79-10-7	<0.01%	IARC 3, H226 (Flam. Liq. 3), H332 (Acute Tox. 4*), H312 (Acute Tox. 4*), H302 (Acute Tox. 4*), H314 (Skin Corr. 1A), H400 (Aquatic	ОК	_			Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole.
Proprietary	Moisture re- tainer, pore reducer	<0.01%	Acute 1) Non declared	OK	_		_	Recycled Content: None Nanomaterials: Unknown There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, polyfunct	tional							



Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Sulfonic acids, c14- 16-alkane hydroxy and c14-16-alkene, sodium salts	68439-57-6	0.01-	H318 (Eye Dam. 1), H315 (Skin Irrit. 2)	ОК		_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole.
								Recycled Content: None Nanomaterials: Unknown
Sodium xylenesul- phonate	1300-72-7	0.01-	H319 (Eye Irrit. 2A), None, H315 (Skin Irrit. 2), H335 (STOT SE 3 (Resp.))	ОК		_		Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole.
								Recycled Content: None Nanomaterials: Unknown
Admixture, retarder								Risks during the manufacturing stage are
4-chloro-3-methyl phenol	59-50-7	<0.01%	H302 (Acute Tox. 4), H335 (STOT SE 3), H314 (Skin Corr. 1C), H318 (Eye Dam. 1), H317 (Skin Sens. 1B), H400 (Aquatic Acute 1), H412 (Aquatic Chronic 3)	ОК				mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Environmental hazards are minimised through rapid substance biodegration Nanomaterials: Unknown
Proprietary	Retarder	0.01- 1%	None	ОК				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, retarder								
Nitrilotrimethylen- etris(phosphonic acid)	6419-19-8	0.01-	H319 (Eye Irrit. 2A), H290 (Met. Corr. 1), H315 (Skin Irrit. 2)	ОК		_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole.
								Recycled Content: None Nanomaterials: Unknown
Sodium hydroxide	1310-73-2	0.01-	H314 (Skin Corr. 1A)	ОК		_		Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Hazards relate to material pH and is not an issue once product has hardened. Recycled Content: None Nanomaterials: Unknown



Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Phosphonic acid	13598-36-2	0.01-	H302 (Acute Tox. 4*), H314 (Skin Corr. 1A)	ОК		_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
4-chloro-3-methyl phenol	59-50-7	<0.01%	H302 (Acute Tox. 4), H335 (STOT SE 3), H314 (Skin Corr. 1C), H318 (Eye Dam. 1), H317 (Skin Sens. 1B), H400 (Aquatic Acute 1), H412 (Aquatic Chronic 3)	ОК		_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Environmental hazards are minimised through rapid substance biodegration Nanomaterials: Unknown
Admixture, shrinkage	e compensating	gagents						
Polyglycolether		0.01- 1%	Insert CAS No, Insert CAS No (Insert CAS No)	OK	_	_		There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Admixture, super- plasticizer	N/A	<0.01%	Non declared	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Proprietary	Surfactant	<0.01%	Non declared	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Admixture, superplas	sticizer							
Polycarboxylate ether	Superplasti- ciser	1-5%	None	OK				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Admixture, superplas	sticizer							
Polycarboxylate ether	Superplasti- ciser	1-5%	None	ОК				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Admixture, superplas	sticizer							
Polycarboxylate ether	Superplasti- ciser	1-5%	None	ОК	_			There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Admixture, surface re	etarder							
2-octyl-4-isothiazol- 3-ones	26530-20-1	1-5%	H330 (Acute Tox. 2), H311 (Acute Tox. 3), H301 (Acute Tox. 3), H314 (Skin Corr. 1), H318 (Eye Dam. 1), H317 (Skin Sens. 1A), H400 (Aquatic Acute 1), H410 (Aquatic Chronic 1)	ОК		_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown



Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Proprietary	See Substance declaration	1-5%	None Declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, viscosity	modifying ager	nts						
2-phenylphenol (iso)	90-43-7	1-5%	IARC 3, H335 (STOT SE 3), H315 (Skin Irrit. 2), H319 (Eye Irrit. 2), H400 (Aquatic Acute 1)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the finar product and does not have any identifiable risks to users as long as it remains whole. Environmental Hazards are minimised through rapid substance biodegration Nanomaterials: Unknown
Admixture, Water Re	educer							Risks during the manufacturing stage are
4-chloro-3-methyl phenol	59-50-7	1-5%	H302 (Acute Tox. 4), H335 (STOT SE 3), H314 (Skin Corr. 1C), H318 (Eye Dam. 1), H317 (Skin Sens. 1B), H400 (Aquatic Acute 1), H412 (Aquatic Chronic 3)	OK				mitigated through WHS Policy and SHE Plans Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Environmental hazards are minimised through rapid substance biodegration Nanomaterials: Unknown
2-phenylphenol (iso)	90-43-7	<0.01%	IARC 3, H335 (STOT SE 3), H315 (Skin Irrit. 2), H319 (Eye Irrit. 2), H400 (Aquatic Acute 1)	ОК	_			Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Environmental Hazards are minimised through rapid substance biodegration
Sodium-2-biphe- nylate	132-27-4	0.01-	IARC 2B, H302 (Acute Tox. 4*), H335 (STOT SE 3), H315 (Skin Irrit. 2), H318 (Eye Dam. 1), H400 (Aquatic Acute 1)	ОК	_			Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Environmental Hazards are minimised as this material readily biodegrades. Recycled Content: None Nanomaterials: Unknown
Sodium hydroxide	1310-73-2	1-5%	H314 (Skin Corr. 1A)	ОК			_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Haz ards relate to material pH and is not an issue once product has hardened. Recycled Content: None Nanomaterials: Unknown



Ingredient Name	Cas Number OR Function	Proportion in finished prod-	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Sodium hydroxide	1310-73-2	0.01- 1%	H314 (Skin Corr. 1A)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Hazards relate to material pH and is not an issue once product has hardened. Recycled Content: None Nanomaterials: Unknown
4-chloro-3-methyl phenol	59-50-7	0.01-1%	H302 (Acute Tox. 4), H335 (STOT SE 3), H314 (Skin Corr. 1C), H318 (Eye Dam. 1), H317 (Skin Sens. 1B), H400 (Aquatic Acute 1), H412 (Aquatic Chronic 3)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Environmental hazards are minimised through rapid substance biodegration Nanomaterials: Unknown
[1,1'-biphenyl]-2-ol	90-43-7	0.01-1%	IARC 3, H335 (STOT SE 3), H315 (Skin Irrit. 2), H319 (Eye Irrit. 2), H400 (Aquatic Acute 1)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Environmental hazards are minimised through rapid substance biodegration Nanomaterials: Unknown
sodium-2-biphe- nylate	132-27-4	0.01-	IARC 2B, H302 (Acute Tox. 4*), H335 (STOT SE 3), H315 (Skin Irrit. 2), H318 (Eye Dam. 1), H400 (Aquatic Acute 1)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Environmental Hazards are minimised as this material readily biodegrades. Recycled Content: None Nanomaterials: Unknown
Admixture, Waterpro	ofing							
Cement, Portland, chemicals	65997-15-1	0.01- 1%	H315 (Skin Irrit. 2), H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H317 (Skin Sens. 1), H319 (Eye Irrit. 2A), None, H351 (Carc. 2), H372 (STOT RE 1)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Note: Cement composition varies depending on the source of the mined components. The worst case has been used for this assessment. Recycled Content: None Nanomaterials: Unknown



Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Quartz (crystalline silica)	14808-60-7	0.01-1%	IARC 1	ОК		_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Note: Hazards relating to silica are related small particle size and the silica in this product may include larger, non hazardous particles. Recycled Content: None Nanomaterials: Unknown
Sodium carbonate	497-19-8	0.01-	H319 (Eye Irrit. 2)	ОК	3		_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole.
								Recycled Content: None Nanomaterials: Unknown
Diiron trioxide	1309-37-1	0.01-	IARC 3, H411 (Aquatic Chronic 2)	ОК				Substance is present in higher levels in the natural environment. Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Tartaric acid	87-69-4	0.01-	H318 (Eye Dam. 1)	ОК		_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None
Limestone	1317-65-3	0.01-	None, H315 (Skin Irrit. 2), H318 (Eye Dam. 1), H319 (Eye Irrit. 2A), H335 (STOT SE 3 (Resp.)), H350 (Carc. 1B), H372 (STOT RE 1)	ОК				Nanomaterials: Unknown Substance is present in higher levels in the natural environment. Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Gypsum (ca(so4).2h2o)	1317-65-3	0.01- 1%	None, H315 (Skin Irrit. 2), H318 (Eye Dam. 1), H319 (Eye Irrit. 2A), H335 (STOT SE 3 (Resp.)), H350 (Carc. 1B), H372 (STOT RE 1)	ОК				Substance is present in higher levels in the natural environment. Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown



Ingredient Name	Cas Number OR Function	Proportion in finished prod-	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Titanium dioxide	13463-67-7	0.01- 1%	IARC 2B, H351 (Inhalation) (Carc. 2)	ОК		_	_	Substance is present in high levels in the environment naturally. Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as remains whole. Recycled Content: None Nanomaterials: Unknown
Admixture, Waterpro	ofing							
Ammonia%	1336-21-6	0.01-	H314 (Skin Corr. 1B), H400 (Aquatic Acute 1)	ОК		_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None
Admixture, Waterpro	ofina							Nanomaterials: Unknown
Cement, Portland, chemicals	65997-15-1	0.01-	None	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Note: Cement composition varies depending on the source of the mined components. The worst case has been used for this assessment. Recycled Content: None Nanomaterials: Unknown
Calcium magne- sium hydroxide	39445-23-3	0.01- 1%	H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H315 (Skin Irrit. 2), None	OK	_			There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Calcium magnesium hydroxide oxide	58398-71-3	0.01-	H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H315 (Skin Irrit. 2)	ОК		_	_	Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Note: Cement composition varies depending on the source of the mined components. The worst case has been used for this assessment Recycled Content: None
Calcium hydroxide (ca(oh)2)	1305-62-0	0.01- 1%	H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H315 (Skin Irrit. 2), None	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown



Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
Sand- quartz (crys- talline silica)	14808-60-7	0.01-1%	IARC 1	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Note: Hazards relating to silica are related small particle size and the silica in this produc may include larger, non hazardous particles. Recycled Content: None Nanomaterials: Unknown
Portland cement	65997-15-1	0.01-1%	H315 (Skin Irrit. 2), H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H317 (Skin Sens. 1), H319 (Eye Irrit. 2A), None, H351 (Carc. 2), H372 (STOT RE 1)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Note: Cement composition varies depending on the source of the mined components. The worst case has been used for this assessment. Recycled Content: None Nanomaterials: Unknown
Calcium dihydrox- ide	1305-62-0	0.01- 1%	H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H315 (Skin Irrit. 2), None	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Admixture, Waterpro	ofing							
Sand- quartz (crys- talline silica)	14808-60-7	0.01-1%	IARC 1	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Note: Hazards relating to silica are related small particle size and the silica in this producmay include larger, non hazardous particles. Recycled Content: None Nanomaterials: Unknown
Portland cement	65997-15-1	1-5%	H315 (Skin Irrit. 2), H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H317 (Skin Sens. 1), H319 (Eye Irrit. 2A), None, H351 (Carc. 2), H372 (STOT RE 1)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the fina product and does not have any identifiable risks to users as long as it remains whole. Note: Cement composition varies depending on the source of the mined components. The worst case has been used for this assessment. Recycled Content: None Nanomaterials: Unknown
Calcium dihydrox- ide	1305-62-0	0.01-	H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H315 (Skin Irrit. 2), None	ОК			_	There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Calcium dihydrox- ide	1305-62-0	0.01- 1%	H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H315 (Skin Irrit. 2), None	ОК				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Admixture, Water Re	ducer							
Proprietary	Water reducer	0.01- 1%	None Declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None



Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endo- crine Disruptor	Reach Compli- ance	Ingredient Hazard Disclosure	Risk As- sessment	In Use Health As- sessment	Comment
1,1′,1″-nitrilotripro- pan-2-ol	122-20-3	1-5%	H319 (Eye Irrit. 2)	ОК				Risks during the manufacturing stage are mitigated through WHS Policy and SHE Plans. Holcim requires installation personnel to have understood the product SDS, limit dust generation to as low as reasonably practicable, use PPE including P2 Respirators where dust is unavoidable and use wet methods for cleaning. This material is hardened in the final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown

^{*} No GHS H-Statement classification

Comments:

WHS - Workplace Health and Safety SHE - Safety Health and Environment

The scope of the PHD includes the following Holcim Australia $\ \ Pty\ Ltd\ products:$

2 inch line	Plain exposed
Agilia	Post tension
Blockmix	Precast
Dynamax	Prescription concrete
ECOPac	Rapid fill
ECOPact Active	Rapidcrete
ECOPact Max	Road Authority Concrete
High early strength	Shotcrete
Jump form	Special Class concrete
Kerb hand placed	Stabilised sand
Normal class concrete	Steel and Plastic fibres
Paving hand placed	Superspray
Piling	Tilt up
Plain burnished	Tremie

