GLOBAL GREEN TAG INTERNATIONAL PTY LTD

PHD™ Product Health Declaration

GLOBAL GREENTAG HEALTH RATE
CERT TM
Platinum HEALTH
trust brands™

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/

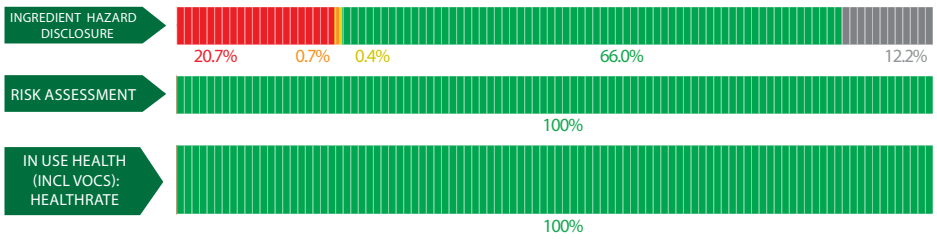
Holcim

PHD Summary	Inventory Threshold:	Inventory Method:
Percentage Assessed: 100%	100ppm Product Level	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.

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

ASSESSMENT:



Declared by:
Global GreenTag International Pty Ltd

David Baggs
CEO

Verified compliant with:
ISO 14024 & ISO 17065

1.0 Scope

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

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

It is not intended to assess:

i. substances used or created during the manufacturing process unless they remain in the final product; or

ii. substances created after the product is delivered for end use (e.g., if the product unusually degrades, combusts or otherwise changes chemical composition).

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

1.2 Preparing a PHD

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

1.3 External Peer Review

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

2.0 Declaration of Ingredients

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

Colour	Ingredient Hazard Disclosure
Green	Level 4 The hazard level of this ingredient indicates that the ingredient has no toxic hazard statements with no identified health effects.
Yellow	Level 3 The hazard level of this ingredient indicates that the ingredient is mildly toxic and/or has short/medium term reversible health effects.
Orange	Level 2 The hazard level of this ingredient indicates that the ingredient is moderately toxic and/or with a moderate health effects.
Red	Level 1 The hazard level of this ingredient indicates that the ingredient is highly toxic with a potential for severe health effects.
Black	Level 0 The hazard level of this ingredient indicates that the ingredient is highly toxic with a potential for severe health effects and is banned from being detectable above trace amounts in the final product.
Grey	Grey Chemical Not able to be categorised due to lack of toxicity impact information.

Colour	Risk Assessment & In Use Health Assessment Outcome
Green	No Concerns The risk assessment outcomes for the hazard level and percentage of ingredient used in the product after risk assessment is considered highly unlikely and therefore without concerns.
Yellow	Human Health Comment The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low with an unlikely potential risk.
Orange	Issue of Concern or Issue of Concern Minimised The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low to high with a higher than unlikely potential for risk.
Red	Red Light Comment or Red Light Comment Minimised The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low to extremely high with a moderate potential for risk.
Dark Red	Red Light Exclusion The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered medium to extremely high with a likely potential for risk.
Grey	Grey Chemical Not able to be categorised due to lack of toxicity impact information.
Black	Banned Ingredients Level 0 Hazard Level categorised chemicals such as Substances of Very High Concern in the International Standard v4.0/v4.1 and/or Petroleum, Parabens plus a wide range of additional compounds stipulated by the Personal Products Standard v1.0/1.1 and Cleaning Products Standard v1.1/1.2

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Aggregate								
Aggregate (containing crystalline silica (quartz))	14808-60-7	50-70%	IARC 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. 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	0.01-1%	IARC 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. 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	OK				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								
Mullite	1302-93-8	15-30%	None	OK				There are no identifiable hazards related to 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 & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Crystalline silica (quartz)	14808-60-7	1-5%	IARC 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. 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	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. 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)	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. 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 Cement								
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)	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. 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 & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Sulfuric acid, calcium salt, hydrate (1:1:2)	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
Limestone	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
Calcium oxide	1305-78-8	0.01-1%	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
Hexavalent chromium Cr(VI)	18540-29-9	0.01-1%	IARC 1, H410 (Aquatic Chronic 1), H400 (Aquatic Acute 1), H317 (Skin Sens. 1), H350 (Carc. 1B)	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. 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
Total respirable silica	14808-60-7	<0.01%	IARC 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. 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
Granulated blast furnace slag								

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Slags, ferrous metal, blast furnace	65996-69-2	50-70%	None	OK				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	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Silca Fume								
Charcoal	16291-96-6	5-15%	None	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Cristobalite	14464-46-1	0.01-1%	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)	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
Quartz (crystalline silica)	14808-60-7	0.01-1%	IARC 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. 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	OK				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 & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Quartz (crystalline silica)	14808-60-7	15-30%	IARC 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. 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								
Mains water / recycled water	7732-18-5	15-30%	None	OK				There are no identifiable hazards related to this substance. Recycled Content: Unknown Nanomaterials: None
Fibers (plastic)								
Polypropylene:	9003-07-0	50-70%	IARC 3, H228 (Flam. Sol. 1)	OK				There are no identifiable hazards related to 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)	OK				There are no declared hazards related to 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)	OK				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)	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Fibers (plastic)								
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	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Fibre reinforcement - 1								
Low carbon steel	12597-69-2	5-15%	None	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Proprietary	Reinforcement	<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)	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Polypropylene	Reinforcement	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)	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Proprietary	Reinforcement	1-5%	None Declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, low embodied carbon concrete								
Limestone (calcium carbonate)	471-34-1	1-5%	None, H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H315 (Skin Irrit. 2)	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
Other non-hazardous materials	Cement replacement	0.01-1%	None	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Admixture, low embodied carbon concrete								
Calcium compounds	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	0.01-1%	None, H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H315 (Skin Irrit. 2)	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

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Proprietary	Cement replacement	0.01-1%	None Declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, low embodied carbon concrete								
Calcium compounds	Cement replacement	0.01-1%	None	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Proprietary	Cement replacement	0.01-1%	None Declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, low embodied carbon concrete								
Calcium compounds	NA	0.01-1%	None	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Proprietary	Cement replacement	0.01-1%	None Declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture air entrainer								
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-isothiazole-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	0.01-1%	None 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 final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Admixture air entrainer								

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	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-isothiazole-3-one (OIT)	26530-20-1	0.01-1%	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	0.01-1%	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 reducer								
2,2′-(methylimino) diethanol; n-methyldiethanolamine	105-59-9	0.01-1%	H319 (Eye 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
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)	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 as this material is readily biodegradable. Recycled Content: None Nanomaterials: Unknown

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
2-octyl-2h-isothiazole-3-one (oit)	26530-20-1	0.01-1%	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				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Proprietary	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)	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	Additive	0.01-1%	None 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 final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Admixture workability retainer								
2-octyl-2h-isothiazole-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)	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	Preservative	<0.01%	None	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Proprietary	Additive	0.01-1%	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 retarder								

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Chlorocresol	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)	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-isothiazole-3-one (OIT)	26530-20-1	0.01-1%	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	Preservative	0.01-1%	None	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Proprietary	Additive	0.01-1%	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 final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Admixture accelerator								
Calcium nitrate tetrahydrate	13477-34-4	0.01-1%	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)	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
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)	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 as this material is readily biodegradable. Recycled Content: None Nanomaterials: Unknown

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
2,2',2"-nitrilotriethanol	102-71-6	0.01-1%	IARC 3, 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 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	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture stabiliser								
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-isothiazole-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
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)	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	Preservative	0.01-1%	Non declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Proprietary	Additive	0.01-1%	Non declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, accelerator								
Calcium chloride	10043-52-4	0.01-1%	H319 (Eye 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

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Triethanolamine	102-71-6	0.01-1%	IARC 3, 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 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	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, accelerator								
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)	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
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)	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 as this material is readily biodegradable. Recycled Content: None Nanomaterials: Unknown
2,2',2"-nitrilotrieth-anol	102-71-6	0.01-1%	IARC 3, 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 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	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, accelerator								

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	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)	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	Accelerator	0.01-1%	Non declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, accelerator								
Calcium nitrite	4339242	0.01-1%	None	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
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)	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	Accelerator	0.01-1%	Non declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, Air Entrainer								
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)	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
Fatty acids, tall-oil, sodium salt	61790-45-2	0.01-1%	None, H315 (Skin Irrit. 2), H319 (Eye Irrit. 2A)	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
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 & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Proprietary	Frost Resistance	0.01-1%	Non declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, low density fill None								
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)	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: 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	0.01-1%	IARC 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. 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
Admixture, plastisizer								
Diethanolamine	111-42-2	0.01-1%	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 final 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 compensating agents								
2-methylpentane-2,4-diol	107-41-5	0.01-1%	H315 (Skin Irrit. 2), H319 (Eye 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
Admixture, superplasticizer								
2-propanol, 1,1'iminobis-, n-tallow alkyl derivs	68951-72-4	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	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Proprietary	Superplasticiser	0.01-1%	Non declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, superplasticizer								
Proprietary	Additive	0.01-1%	Non declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Propoxylated diethylene triamine	29380-50-5	0.01-1%	H319 (Eye Irrit. 2A), H315 (Skin Irrit. 2), 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
2-propanol, 1,1'iminobis-, n-tallow alkyl derivs	68951-72-4	0.01-1%	None	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, superplasticizer								
Tetrahydroxyethylethylenediamin	0140-07-08	0.01-1%	None	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Proprietary	Superplasticiser	0.01-1%	Non declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, viscosity modifying agents								
Proprietary	See Substance declaration	0.01-1%	None	OK				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), 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 final 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
Admixture, Waterproofing								

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	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)	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Proprietary	Waterproofer	0.01-1%	Non declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, accelerator								
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)	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
Sodium thiocyanate	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)	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
2,2',2"-nitrilotriethanol	102-71-6	0.01-1%	IARC 3, 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 final 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)	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. 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, accelerator								

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	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, accelerator								
Calcium chloride	10043-52-4	<0.01%	H319 (Eye 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
Calcium dihydroxide	1305-62-0	0.01-1%	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 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)	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. 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 Entrainer,								
5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one	55965-84-9	0.01-1%	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)	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
Sodium dodecylbenzenesulphonate, pure	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 & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Admixture, Air Entrainer,								
Sodium dodecylbenzenesulphonate, pure	25155-30-1	0.01-1%	None	OK				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	0.01-1%	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)	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, Air Entrainer								
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 dodecylbenzenesulphonate, pure	25155-30-0	0.01-1%	None	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Admixture, plasticizer								
Bronopol	52-51-7	0.01-1%	H312 (Acute Tox. 4 *), H302 (Acute Tox. 4 *), H335 (STOT SE 3), H315 (Skin Irrit. 2), H318 (Eye Dam. 1), H400 (Aquatic Acute 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	See Substance declaration	0.01-1%	Non declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, plasticizer,								
Proprietary		0.01-1%	Non declared	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Admixture, polyfunctional								
Nitrilotrimethylenetris(phosphonic acid)	6419-19-8	0.01-1%	H319 (Eye Irrit. 2A), H290 (Met. Corr. 1), 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

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	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)	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
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)	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 substance biodegration Nanomaterials: Unknown
Proprietary	Preservative	0.01-1%	Non declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, polyfunctional								
2,2'-(octadec-9-enylimino) bisethanol	25307-17-9	0.01-1%	H302 (Acute Tox. 4 (Oral)), 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 phosphate	126-71-6	0.01-1%	H317 (Skin Sens. 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

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Proprietary	Defoaming Agent	<0.01%	Non declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, polyfunctional								
Silicic acid (h2sio3), disodium salt	6834-92-0	0.01-1%	H335 (STOT SE 3), H314 (Skin Corr. 1B)	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	Polyfunctional	0.01-1%	Non declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, polyfunctional								
Quartz (sio2)	14808-60-7	0.01-1%	IARC 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. 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	0.01-1%	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 (Oral)), H318 (Eye Dam. 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)	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
Quarz (SiO2), respirable particles	14808-60-7	0.01-1%	IARC 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. 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

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Proprietary	Impurity	0.01-1%	Non declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, polyfunctional								
Bronopol	52-51-7	0.01-1%	H312 (Acute Tox. 4 *), H302 (Acute Tox. 4 *), H335 (STOT SE 3), H315 (Skin Irrit. 2), H318 (Eye Dam. 1), H400 (Aquatic Acute 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
Mixture of: 5-chloro-2-methyl-2h-isothiazol-3- one and 2-methyl-2h-isothiazol-3-one (3:1)	55965-84-9	0.01-1%	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)	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	Preservative	0.01-1%	Non declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, polyfunctional								
2-methylpentane-2,4- diol	107-41-5	0.01-1%	H315 (Skin Irrit. 2), H319 (Eye 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
Admixture, polyfunctional								
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 Acute 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	Moisture retainer, pore reducer	<0.01%	Non declared	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, polyfunctional								

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Sulfonic acids, c14-16-alkane hydroxy and c14-16-alkene, sodium salts	68439-57-6	0.01-1%	H318 (Eye Dam. 1), 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
Sodium xylenesulphonate	1300-72-7	0.01-1%	H319 (Eye Irrit. 2A), None, H315 (Skin Irrit. 2), H335 (STOT SE 3 (Resp.))	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, retarder								
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)	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 substance biodegration Nanomaterials: Unknown
Proprietary	Retarder	0.01-1%	None	OK				There are no declared hazards related to this substance. Recycled Content: None Nanomaterials: None
Admixture, retarder								
Nitrilotrimethylenetris(phosphonic acid)	6419-19-8	0.01-1%	H319 (Eye Irrit. 2A), H290 (Met. Corr. 1), 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
Sodium hydroxide	1310-73-2	0.01-1%	H314 (Skin Corr. 1A)	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. 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 & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Phosphonic acid	13598-36-2	0.01-1%	H302 (Acute Tox. 4 *), H314 (Skin Corr. 1A)	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
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)	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 substance biodegration Nanomaterials: Unknown
Admixture, shrinkage compensating agents								
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, superplasticizer	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, superplasticizer								
Polycarboxylate ether	Superplasticiser	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, superplasticizer								
Polycarboxylate ether	Superplasticiser	1-5%	None	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Admixture, superplasticizer								
Polycarboxylate ether	Superplasticiser	1-5%	None	OK				There are no identifiable hazards related to this substance. Recycled Content: None Nanomaterials: Unknown
Admixture, surface retarder								
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)	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

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	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 agents								
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)	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 substance biodegration Nanomaterials: Unknown
Admixture, Water Reducer								
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				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
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)	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 substance biodegration Nanomaterials: Unknown
Sodium-2-biphenylate	132-27-4	0.01-1%	IARC 2B, H302 (Acute Tox. 4 *), H335 (STOT SE 3), H315 (Skin Irrit. 2), H318 (Eye Dam. 1), H400 (Aquatic Acute 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 as this material readily biodegrades. Recycled Content: None Nanomaterials: Unknown
Sodium hydroxide	1310-73-2	1-5%	H314 (Skin Corr. 1A)	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. Hazards relate to material pH and is not an issue once product has hardened. Recycled Content: None Nanomaterials: Unknown
Admixture, Water Reducer								

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Sodium hydroxide	1310-73-2	0.01-1%	H314 (Skin Corr. 1A)	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. 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)	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 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)	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 substance biodegration Nanomaterials: Unknown
sodium-2-biphenylate	132-27-4	0.01-1%	IARC 2B, H302 (Acute Tox. 4 *), H335 (STOT SE 3), H315 (Skin Irrit. 2), H318 (Eye Dam. 1), H400 (Aquatic Acute 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 as this material readily biodegrades. Recycled Content: None Nanomaterials: Unknown
Admixture, Waterproofing								
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)	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. 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 & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Quartz (crystalline silica)	14808-60-7	0.01-1%	IARC 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. 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	0.01-1%	H319 (Eye Irrit. 2)	OK	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	0.01-1%	IARC 3, H411 (Aquatic Chronic 2)	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
Tartaric acid	87-69-4	0.01-1%	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 final product and does not have any identifiable risks to users as long as it remains whole. Recycled Content: None Nanomaterials: Unknown
Limestone	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)	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
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)	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

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Titanium dioxide	13463-67-7	0.01-1%	IARC 2B, H351 (Inhalation) (Carc. 2)	OK				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 it remains whole. Recycled Content: None Nanomaterials: Unknown
Admixture, Waterproofing								
Ammonia ....%	1336-21-6	0.01-1%	H314 (Skin Corr. 1B), H400 (Aquatic Acute 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
Admixture, Waterproofing								
Cement, Portland, chemicals	65997-15-1	0.01-1%	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. 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 magnesium 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	0.01-1%	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. 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 hydroxide (ca(oh)2)	1305-62-0	0.01-1%	H318 (Eye Dam. 1), H335 (STOT SE 3 (Resp.)), H315 (Skin Irrit. 2), 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, Waterproofing								

Ingredient Name	Cas Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Sand- quartz (crystalline silica)	14808-60-7	0.01-1%	IARC 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. 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
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)	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. 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 dihydroxide	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, Waterproofing								
Sand- quartz (crystalline silica)	14808-60-7	0.01-1%	IARC 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. 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
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)	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. 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 dihydroxide	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
Calcium dihydroxide	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, Water Reducer								
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 & Endocrine Disruptor	Reach Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
1,1′,1″-nitrilotripropan-2-ol	122-20-3	1-5%	H319 (Eye 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

* 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