

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 15/02/2016 Revision date: 06/09/2023 Supersedes version of: 15/02/2016 Version: 2.0

SECTION 1: Identification of the substan	nce/mixture and of the company/undertaking
1.1. Product identifier	
Product name UFI CAS-No. Product code Product group	Mixture Sureflow 110 UGM1-X0HW-Y00F-0SP5 Mixture 0588 Finished Good Alumina-Silicate Cement Bonded Castable
1.2. Relevant identified uses of the substance	
1.2.1. Relevant identified uses	: Industrial use : Refractory
1.3. Details of the supplier of the safety data	sheet
Resco Products (UK) Limited Newbold Works, Melbourne Road, Lount LE65 1PL Ashby-de-la-Zouch England T 44 (0) 1530 222694 <u>UK.SDS@RescoProducts.com</u> - <u>www.RescoProducts.</u>	
1.4. Emergency telephone number	
Emergency number :	EMERGENCY ONLY (CHEMTREC) USA & Canada 1-800-424-9300 Outside USA & Canada +1 703-741-5970
SECTION 2: Hazards identification	
2.1. Classification of the substance or mixtur	re
1272/2008 and does not meet the criteria for classifica 2.2. Label elements Labelling according to Regulation (EC) No. 1272/20	ronmental effects 0.1 to 10% and is classified as STOT RE 2 according to criteria defined in the Regulation EC tion as harmful according to directive 67/548/EC.
Hazard pictograms (CLP)	GHS08 GHS07
0 ()	Warning
Hazard statements (CLP)	 H373 - May cause damage to organs (respiratory system) through prolonged or repeated exposure (if inhaled). P260 - Do not breathe dust. P280 - Wear eye protection, protective gloves. P284 - In case of inadequate ventilation wear respiratory protection. P314 - Get medical advice/attention if you feel unwell.
2.3. Other hazards	
Other hazards which do not result in classification Contains no PBT/vPvB substances ≥ 0.1% assessed i Component	: Irritating to eyes and skin. n accordance with REACH Annex XIII
quartz, 1%≤conc respirable crystalline silica<10%	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
(14808-60-7) aluminium oxide, non-fibrous (1344-28-1)	This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
	This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
cristobalite EU (14464-46-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
properties, or is not identified as having endocrine disr (EU) 2017/2100 or Commission Regulation (EU) 2018	the list established in accordance with Article 59(1) of REACH for having endocrine disrupting upting properties in accordance with the criteria set out in Commission Delegated Regulation /605 at a concentration equal to or greater than 0,1 %
SECTION 3: Composition/information or	n ingredients
3.1. Substances	
Not applicable	

Not applicable

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3.2. Mixtures			
Name	Product identifier	%	Classification according to
			Regulation (EC) No. 1272/2008 [CLP]
Calcium Aluminate Cement	CAS-No.: 65997-16-2 EC-No.: 266-045-5	20 – 50	Not classified
aluminium oxide, non-fibrous	CAS-No.: 1344-28-1 EC-No.: 215-691-6	10 – 20	Not classified
quartz, 1%≤conc respirable crystalline silica<10%	CAS-No.: 14808-60-7 EC-No.: 238-878-4	1 – 5	STOT RE 1, H372
cristobalite EU	CAS-No.: 14464-46-1 EC-No.: 238-455-4	0.5 – 1	STOT RE 2, H373
Full text of H- and EUH-statements: see section 16	•	•	·,
SECTION 4: First aid measures			
4.1. Description of first aid measures			
-	 Never give anything by mouth advice (show the label where Allow affected person to brea 	possible).	scious person. If you feel unwell, seek medical
First-aid measures after skin contact	: Gently wash with plenty of so		
	present and easy to do. Conti	nue rinsing. R	r several minutes. Remove contact lenses, if Rinse eyes with water as a precaution.
		vomiting. Obt	tain emergency medical attention.
4.2. Most important symptoms and effects, I	-	Donger of	porious domage to bealth by sector and
Symptoms/effects after inhalation Symptoms/effects after skin contact	 May cause cancer by inhalation exposure through inhalation. Causes skin irritation. 	Danger of	serious damage to health by prolonged
	: Causes eye irritation.		
4.3. Indication of any immediate medical atte		nt needed	
No additional information available			
SECTION 5: Firefighting measures			
5.1. Extinguishing media			
	: Use extinguishing media appr		
Unsuitable extinguishing media 5.2. Special hazards arising from the substa	: In case of fire, all extinguishin	g media allow	/ed.
Fire hazard	: Not flammable.		
Explosion hazard	: None.		
5.3. Advice for firefighters			
	the environment.		al fire. Prevent fire fighting water from entering
		proper protec	tive equipment, including respiratory protection.
SECTION 6: Accidental release measure	es		
6.1. Personal precautions, protective equipm	nent and emergency proce	dures	
6.1.1. For non-emergency personnel Protective equipment	: Safety glasses. [In case of ina gloves.	adequate vent	ilation] wear respiratory protection. Protective
Emergency procedures Measures in case of dust release	 Do not breathe dust. Avoid co Ventilate area. 	ntact with skir	n and eyes.
6.1.2. For emergency responders			
Protective equipment Emergency procedures	: Equip cleanup crew with prop : Ventilate area. On land, swee		to suitable containers
6.2. Environmental precautions			
Prevent entry to sewers and public waters.			
6.3. Methods and material for containment a	nd cleaning up		
	: On land, sweep or shovel into	suitable cont	ainers. Minimize the generation of dust.
6.4. Reference to other sections			
See Section 8. Exposure controls and personal protect SECTION 7: Handling and storage	ction		
7.1. Precautions for safe handling			
	: Do not handle until all safety	precautions ha	ave been read and understood. Avoid raising
Hygiene measures	dust. Avoid contact with skin a	and eyes. Do ed areas with	
7.2. Conditions for safe storage, including a		лл.	
Storage conditions		ation where it	can be protected from the elements.
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	Strong acids, bases.
7.3. Specific end use(s)	
No additional information available	
SECTION 8: Exposure controls/personal	protection
8.1. Control parameters	limiture
8.1.1 National occupational exposure and biological	
quartz, 1%≤conc respirable crystalline silica<′	10 /0 (14000-00-7)
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	0.1 mg/m ³ (Respirable fraction)
Belgium - Occupational Exposure Limits	0.4 moder2
OEL TWA	0.1 mg/m ³
France - Occupational Exposure Limits	
VME (OEL TWA)	0.1 mg/m ³ (La valeur limite concerne la fraction alvéolaire)
Netherlands - Occupational Exposure Limits	
TGG-8u (OEL TWA)	0.075 mg/m ³ (respirabele fractie)
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	0.1 mg/m³
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	0.025 mg/m ³ (Respirable fraction)
aluminium oxide, non-fibrous (1344-28-1)	
Belgium - Occupational Exposure Limits	
OEL TWA	1 mg/m³
France - Occupational Exposure Limits	
VME (OEL TWA)	10 mg/m ³
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	10 mg/m ³
	4 mg/m ³
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	1 mg/m ³ respirable dust
cristobalite EU (14464-46-1)	
Belgium - Occupational Exposure Limits	
OEL TWA	0.05 mg/m³
France - Occupational Exposure Limits	
VME (OEL TWA)	0.05 mg/m ³ (La valeur limite concerne la fraction alvéolaire)
Netherlands - Occupational Exposure Limits	
TGG-8u (OEL TWA)	0.075 mg/m ³ (respirabele fractie)
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	0.1 mg/m³
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	0.025 mg/m ³ (Respirable fraction)
8.1.2. Recommended monitoring procedures No additional information available 8.1.3. Air contaminants formed No additional information available 8.1.4. DNEL and PNEC No additional information available 8.1.5. Control banding	

No additional information available

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8.2. Exposure controls

8.2.1. Appropriate engineering controls Appropriate engineering controls: Provide adequate ventilation to minimize dust concentrations. 8.2.2. Personal protection equipment Personal protective equipment: Avoid all unnecessary exposure. 8.2.2.1. Eye and face protection Eye protection: Chemical goggles or safety glasses 8.2.2.2. Skin protection Skin and body protection: Wear suitable protective clothing Hand protection: Wear protective gloves. 8.2.2.3. Respiratory protection Respiratory protection: Wear appropriate mask 8.2.2.4. Thermal hazards No additional information available 8.2.3. Environmental exposure controls Environmental exposure controls: Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and che	mical properties
 9.1. Information on basic physical and chear Physical state Colour Appearance Odour threshold Melting point Freezing point Boiling point Flammability Lower explosion limit Upper explosion limit Upper explosion limit Flash point Auto-ignition temperature Decomposition temperature pH pH solution Viscosity, kinematic Solubility Partition coefficient n-octanol/water (Log Kow) Vapour pressure Vapour pressure Vapour pressure at 50°C Density Relative density Relative vapour density at 20°C Particle size 9.2. Other information 	 Solid Grey. Granular mixture. earthy. Not available > 1510 °C Not available Not available Not available Not applicable Not applicable Not applicable Not available
9.2.2. Other safety characteristics No additional information available	
SECTION 10: Stability and reactivity	
10.1. Reactivity	
Hydraulic setting.	
10.2. Chemical stability	
Stable under normal conditions of use.	
10.3. Possibility of hazardous reactions	
Not established.	
10.4. Conditions to avoid	
Avoid dust formation.	
10.5. Incompatible materials	
Strong acids. Strong bases.	
10.6. Hazardous decomposition products	
No additional information available.	

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SECTION 11: Toxicological information	
11.1. Information on hazard classes as define	ed in Regulation (EC) No 1272/2008
Acute toxicity (oral):Acute toxicity (dermal):Acute toxicity (inhalation):	Not classified Not classified Not classified
aluminium oxide, non-fibrous (1344-28-1)	
LD50 oral rat	> 15900 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
LC50 Inhalation - Rat	> 2.3 mg/l air (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol), 14 day(s))
Skin corrosion/irritation:Additional information:	Not classified (Conclusive but not sufficient for classification) Causes skin irritation.
quartz, 1%≤conc respirable crystalline silica<	10% (14808-60-7)
рН	6 – 7
aluminium oxide, non-fibrous (1344-28-1)	
рН	9 – 10.5 (aqueous suspension, 33 %)
cristobalite EU (14464-46-1)	
рН	6 - 7
Calcium Aluminate Cement (65997-16-2)	
рН	≤ 13
Serious eye damage/irritation : Additional information :	Not classified (Conclusive but not sufficient for classification) Causes eye irritation
quartz, 1%≤conc respirable crystalline silica<	
рН	6 - 7
aluminium oxide, non-fibrous (1344-28-1)	
рН	9 – 10.5 (aqueous suspension, 33 %)
cristobalite EU (14464-46-1)	
рН	6 - 7
Calcium Aluminate Cement (65997-16-2)	
рН	≤ 13
Respiratory or skin sensitisation :	Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity : Carcinogenicity :	Not classified (Based on available data, the classification criteria are not met) Not classified (Conclusive but not sufficient for classification)
Additional information :	May cause cancer by inhalation.
Reproductive toxicity :	Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure :	Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure :	May cause damage to organs (respiratory system) through prolonged or repeated exposure (if inhaled). (Based on available data, the classification criteria are not met)
quartz, 1%≤conc respirable crystalline silica<	10% (14808-60-7)
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure (if inhaled).
cristobalite EU (14464-46-1)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure (if inhaled).
Aspiration hazard :	Not classified (Based on available data, the classification criteria are not met)
Sureflow 110 (Mixture)	
Viscosity, kinematic	Not Applicable
quartz, 1%≤conc respirable crystalline silica<	
Viscosity, kinematic	Not applicable (solid)
aluminium oxide, non-fibrous (1344-28-1)	
Viscosity, kinematic	Not applicable (solid)

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11.2.1. Endocrine disrupting properties No additional information Pretraital adverse human health effects and symptoms : Based on available data, the classification criteria are not met symptoms 21.1. Toxicity Extension of the classification criteria are not met symptoms 22.1. Toxicity Extension of the classification criteria are not met symptoms 23.1. Toxicity Extension of the classification criteria are not met symptoms 12.1. Toxicity In product is not considered harmul to aqualic organisms nor to cause long-term adverse effects in the environment. (extension) 12.2. Presidence and degradability In the environment. (extension) 12.2. Presidence and degradability > 100 mg1 (86 h, Salmo muta, Literature study) 12.2. Presidence and degradability Not classified 12.2. Presidence and degradability Not established. quartz, 1%-scone respirabio crystalline siluca Not applicable (morganic) 17.00 Not applicable (morganic) 17.00 Not applicable (morganic) 17.00 Not applicable (morganic) 17.00 Not applicable 17.00 Not applicable <th>11.2. Information on other hazards</th> <th></th>	11.2. Information on other hazards	
11.2.2. Other information Penetral adverse human health effects and several adverse data, the classification criteria are not met symptoms SECTION 12: Ecological information Iteranticial is not considered harmful to aquatic organisms nor to cause long-term adverse affects in the armorament. Hoardous to the aquate environment, short-term is Not dassified Not dassified Hoardous to the aquate environment, long-term is Not dassified Not dassified Hoardous to the aquate environment, long-term is Not dassified Not dassified Hoardous to the aquate environment, long-term is Not dassified Not dassified Hoardous to the aquate environment, long-term is Not dassified Not dassified Hoardous to the aquate environment, long-term is Not dassified Not dassified Hoardous to the aquate environment, long-term is Not dassified Not dassified Hoardous to the aquate environment, long-term is Not dassified Not dassified Hoardous to the aquate environment, long-term is Not dassified Not dassified Hoardous to the aquate environment, long-term is Not dassified Not dassified Lites of the aquate environment, long-term is Not dassified Not dassified Lites of the aquate environment, long-term is Not dassified Not dassified Lites of the aquate environment, long-term is Not dassified Not dassified	11.2.1. Endocrine disrupting properties	
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12.1. Toxicity The product is not considered hamful to aquatic organisms nor to cause long-term advesse difacts in the anvironment. Hazardous to the aquatic environment, long-term Not classified Hazardous to the aquatic environment, long-term Not classified Losson State the aquatic environment, long-term Not established. Quartz, 1%Scone respirable crystalline silica<10% (14808-60-7)		Based on available data, the classification criteria are not met
Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the anvironment. Hazardous to the aquatic environment, long-term : Not classified Adverse : Not classified aluminium oxide, non-fibrous (1344-28-1) : Not classified LC50 - Frish [1] > 100 mgl (86 h, Salmo trutta, Literature study) EC50 - Crustacea [1] > 100 mgl (86 h, Salmo trutta, Literature study) EC50 - Crustacea [1] > 100 mgl (86 h, Salmo trutta, Literature study) EC50 - Crustacea [1] > 100 mgl (86 h, Salmo trutta, Literature study) EC50 - Crustacea [1] > 100 mgl (86 h, Salmo trutta, Literature study) EC50 - Crustacea [1] > 100 mgl (86 h, Salmo trutta, Literature study) EC50 - Crustacea [1] > 100 mgl (86 h, Salmo trutta, Literature study) EC50 - Crustacea [1] > 100 mgl (86 h, Salmo trutta, Literature study) Persistence and degradability Not established. quartz, 1% Not established. quartz, 1% Scongeradability Persistence and degradability Not applicable Chemical oxygen demand (COD) Not applicable Chemical oxygen demand (COD) Not applicable	SECTION 12: Ecological information	
Reardous to the aquatic environment, short-lem Not classified (acute) Not applicable (norganic) Persistence and degradability Biodegradability (not applicable) Not applicable Not applicable Applicable Not applicable Chemical oxygen demand (COD) Not applicable ThOD Not applicable Chemical oxygen demand (COD) Not applicable	·	
Hazardous to the aquatic environment, Inong-term : Not classified Hazardous to the aquatic environment, Iong-term : Not classified atuminium oxide, non-fibrous (1344-28-1) > 100 mg/l (96 h, Salmo trutta, Literature study) EC50 - Crustacea [1] > 100 mg/l (96 h, Salmo trutta, Literature study) 12.2. Persistence and degradability > 100 mg/l (96 h, Salmo trutta, Literature study) 12.2. Persistence and degradability Not established. quartz, 1%:Scone respirable crystalline stillco-Y Y Persistence and degradability Not established. Chemical oxygen demand (COD) Not applicable (inorganic) ThOD Not applicable (inorganic) ThOD Not applicable Chemical oxygen demand (COD) Not applicable Not applicable Not applicable Chemical oxygen demand (COD)	Ecology - general :	
Hazardous to the aquatic environment, long-term : Not classified aluminium oxide, non-fibrous (1344-28-1) > 100 mg/t (96 h, Salmo trutta, Literature study) EG50 - Fish [1] > 100 mg/t (96 h, Salmo trutta, Literature study) EG50 - Crustacea [1] > 100 mg/t (96 h, Salmo trutta, Literature study) Storeflow 110 (Mixture) Storeflow 110 (Mixture) Persistence and degradability Not established. quartz, 1%:Scone respirable crystalline silic=// (1408-60-7) Persistence and degradability Persistence and degradability Not applicable (inorganic) ThOD Not applicable (inorganic) ThOD Not applicable Chemical oxygen demand (COD) Not applicable Chemical oxygen demand (COD) Not applicable Chemical oxygen demand (COD) Not applicable Persistence and degradability Not applicable Chemical oxygen demand (COD) Not applicable DO (% of ThOD) <t< td=""><td>•</td><td></td></t<>	•	
LC60 - Fish [1] > 100 mg/l (96 h, Salmo trutta, Literature study) EC60 - Crustacea [1] > 100 mg/l (48 h, Daphnia magna, Literature study) 12.2. Persistence and degradability Not established. quartz, 1%.Sconc respirable crystalline silica-10% (14008-60-7) Persistence and degradability Persistence and degradability Biodegradability: not applicable. Chemical oxygen demand (COD) Not applicable (inorganic) ThOD Not applicable (inorganic) Persistence and degradability Not applicable (inorganic) ThOD Not applicable. Chemical oxygen demand (COD) Not applicable Persistence and degradability Not applicable. Chemical oxygen demand (COD) Not applicable ThOD Not applicable Di (% of ThOD) Not applicable ThOD Not applicable 10 (Mixture) Bioaccumulative potential Bioaccumulative potential Not estabiished. q	Hazardous to the aquatic environment, long-term :	Not classified
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12.2. Persistence and degradability Not established. guartz, 1%_Sconc respirable crystalline silica<10% (14808-60-7)	LC50 - Fish [1]	> 100 mg/l (96 h, Salmo trutta, Literature study)
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Persistence and degradability Not applicable. Chemical oxygen demand (COD) Not applicable ThOD Not applicable cristobalite EU (14464-46-1) Persistence and degradability Persistence and degradability Biodegradability: not applicable. Chemical oxygen demand (COD) Not applicable Chemical oxygen demand (COD) Not applicable Chemical oxygen demand (COD) Not applicable ThOD Not applicable BOD (% of ThOD) Not applicable Sureflow 110 (Mixture) Bioaccumulative potential Bioaccumulative potential Not established. quartz, 1%≤conc respirable crystalline silica <town (14808-60-7)<="" td=""> Bioaccumulative potential No bioaccumulation data available. aluminum oxide, non-fibrous (1344-28-1) Bioaccumulative potential No data available. cristobalite EU (14464-46-1) Bioaccumulative potential No data available. 12.4. Mobility in soil No</town>	ThOD	Not applicable (inorganic)
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ThOD Not applicable BOD (% of ThOD) Not applicable 12.3. Bioaccumulative potential Not applicable Sureflow 110 (Mixture) Bioaccumulative potential Bioaccumulative potential Not established. quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7)	Persistence and degradability	Biodegradability: not applicable.
BOD (% of ThOD) Not applicable 12.3. Bioaccumulative potential Image: Strength of the strengt of the strength of the strength of the strength of the strengt of	Chemical oxygen demand (COD)	Not applicable
12.3. Bioaccumulative potential Sureflow 110 (Mixture) Bioaccumulative potential Not established. quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7)	ThOD	Not applicable
Sureflow 110 (Mixture) Bioaccumulative potential Not established. quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7)	BOD (% of ThOD)	Not applicable
Bioaccumulative potential Not established. quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7)	12.3. Bioaccumulative potential	
quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7)	Sureflow 110 (Mixture)	
Bioaccumulative potential No bioaccumulation data available. aluminium oxide, non-fibrous (1344-28-1) Bioaccumulative potential No data available. cristobalite EU (14464-46-1) Bioaccumulative potential No data available. 12.4. Mobility in soil quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7)	Bioaccumulative potential	Not established.
aluminium oxide, non-fibrous (1344-28-1) Bioaccumulative potential No data available. cristobalite EU (14464-46-1) Bioaccumulative potential No data available. 12.4. Mobility in soil quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7)	quartz, 1%≤conc respirable crystalline silica<	10% (14808-60-7)
Bioaccumulative potential No data available. cristobalite EU (14464-46-1) Bioaccumulative potential No data available. 12.4. Mobility in soil quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7) Surface tension No data available in the literature	Bioaccumulative potential	No bioaccumulation data available.
cristobalite EU (14464-46-1) Bioaccumulative potential No data available. 12.4. Mobility in soil quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7)	aluminium oxide, non-fibrous (1344-28-1)	
Bioaccumulative potential No data available. 12.4. Mobility in soil quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7) Surface tension No data available in the literature	Bioaccumulative potential	No data available.
12.4. Mobility in soil quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7)	cristobalite EU (14464-46-1)	
quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7)	Bioaccumulative potential	No data available.
Surface tension No data available in the literature	12.4. Mobility in soil	
	quartz, 1%≤conc respirable crystalline silica<	10% (14808-60-7)
Ecology - soil Low potential for mobility in soil.	Surface tension	No data available in the literature
	Ecology - soil	Low potential for mobility in soil.

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aluminium oxide, non-fibrous (1344-28-1)	
Surface tension	No data available in the literature
Ecology - soil	No data available.
cristobalite EU (14464-46-1)	
Ecology - soil	No data available.
12.5. Results of PBT and vPvB assessment	
Component quartz, 1%≤conc respirable crystalline silica<10%	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
(14808-60-7)	This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
aluminium oxide, non-fibrous (1344-28-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
cristobalite EU (14464-46-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
40.0 Endocrine diamenting properties	This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
12.6. Endocrine disrupting properties No additional information available	
12.7. Other adverse effects	
	No other effects known
SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Product/Packaging disposal recommendations	Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials HP Code	 Avoid release to the environment. HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.
SECTION 14: Transport information	
In accordance with ADR / IMDG / IATA / RID	
14.1. UN number or ID number	
Not regulated for transport	
14.2. UN proper shipping name	
Proper Shipping Name (ADR)	Not regulated
Proper Shipping Name (IMDG) Proper Shipping Name (IATA)	Not regulated
	Not regulated
14.3. Transport hazard class(es)	
ADR Transport hazard class(es) (ADR)	Not regulated
IMDG	Not regulated
ΙΑΤΑ	Not regulated
Transport hazard class(es) (IATA)	Not regulated
	Not regulated
14.4. Packing group	
Packing group (ADR) Packing group (IMDG)	Not regulated
Packing group (IATA)	Not regulated
Packing group (RID)	Not regulated
14.5. Environmental hazards	
Dangerous for the environment Marine pollutant	NO NO
Other information	No supplementary information available
14.6. Special precautions for user	
Overland transport	
Not regulated Transport by sea	
Not regulated	
Air transport	
Not regulated Rail transport	
Not regulated	
14.7. Maritime transport in bulk according to	IMO instruments
Not applicable	

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations **REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer) Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors) Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

France

Occupational diseases		
Code De	escription	
	Diseases resulting from the inhalation of mineral dust containing crystalline silica (quartz, cristobalite, tridymite), crystalline silicates (kaolin, talc), graphite or coal.	
Germany		
Water hazard class (WGK)		: Not classified according to Regulation Governing Systems for Handling Substances Hazardous to Waters (AwSV).
Hazardous Incident Ordinance Netherlands	(12. BlmSchV)	: Is not subject of the Hazardous Incident Ordinance (12. BImSchV)
SZW-lijst van kankerverwekken	nde stoffen	: cristobalite EU, Calcium Aluminate Cement are listed
SZW-lijst van mutagene stoffen	า	: Calcium Aluminate Cement is listed
SZW-lijst van reprotoxische sto	offen – Borstvoeding	: None of the components are listed
SZW-lijst van reprotoxische sto Vruchtbaarheid	offen –	: None of the components are listed
SZW-lijst van reprotoxische sto Denmark	offen – Ontwikkeling	: None of the components are listed
Danish National Regulations		: Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact wit the product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Other information

: In the event of any conflict between the English and other language versions, the English version shall prevail.

Full text of H- and EUH-statements:	
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1
STOT RE 2 Specific target organ toxicity – Repeated exposure, Category 2	

Safety Data Sheet (SDS), EU

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for consequences of its use.