

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 08/01/2008 Revision date: 29/01/2024 Supersedes version of: 09/05/2016 Version: 4.0

SECTION 1: Identification of the substan	ce/mixture and of the company/undertaking
1.1. Product identifier	
	Mixture
Product name :	Vibrocast 60
UFI :	HT21-R0MW-J00K-P660
CAS-No. : Product code :	Mixture 0394
Product group :	Finished Good
	Alumina-Silicate Cement Bonded Castable
1.2. Relevant identified uses of the substance	e or mixture and uses advised against
1.2.1. Relevant identified uses	
	Industrial use Refractory
1.2.2. Uses advised against	Tenaciory
No additional information available	
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	
UK.SDS@RescoProducts.com - www.RescoProducts.	<u>com</u>
1.4. Emergency telephone number	
Emergency number :	EMERGENCY ONLY (CHEMTREC) USA & Canada 1-800-424-9300
SECTION 2: Hazards identification	Outside USA & Canada +1 703-741-5970
2.1. Classification of the substance or mixtur	e
Classification according to Regulation (EC) No. 12	
Specific target organ toxicity – Repeated exposure, Ca Full text of H- and EUH-statements: see section 16 Adverse physicochemical, human health and envir This product contains Quartz (Fine Fraction) between 1272/2008 and does not meet the criteria for classifica	conmental effects 0.1 to 10% and is classified as STOT RR 2 according to criteria defined in the Regulation EC
2.2. Label elements	
Labelling according to Regulation (EC) No. 1272/20	008 [CLP]
Hazard pictograms (CLP) :	GHS08 GHS07
- 5 (-)	Warning
Hazard statements (CLP) :	H373 - May cause damage to organs (respiratory system) through prolonged or repeated
Precautionary statements (CLP) :	exposure (if inhaled). P260 - Do not breathe dust.
	P280 - Wear eye protection, protective gloves.
	P284 - In case of inadequate ventilation wear respiratory protection.
2.3. Other hazards	P314 - Get medical advice/attention if you feel unwell.
	Irritating to eyes and skin.
Contains no PBT and/or vPvB substances ≥ 0.1% asse	
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
properties, or substance(s) are not identified as having	the list established in accordance with Article 59(1) of REACH for having endocrine disrupting endocrine disrupting properties in accordance with the criteria set out in Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %
SECTION 3: Composition/information on	n ingredients
3.1. Substances	
Natappliable	

Not applicable

Safety Data Sheet

3.2. Mixtures			
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
aluminium oxide, non-fibrous	CAS-No.: 1344-28-1 EC-No.: 215-691-6	5 – 10	Not classified
Calcium Aluminate Cement	CAS-No.: 65997-16-2 EC-No.: 266-045-5	5 – 10	Not classified
quartz, 1%≤conc respirable crystalline silica<10%	CAS-No.: 14808-60-7 EC-No.: 238-878-4	0.5 – 1	STOT RE 1, H372
Full text of H- and EUH-statements: see section 16			-
SECTION 4: First aid measures			
4.1. Description of first aid measures			
First-aid measures general	advice (show the label wher	e possible).	nscious person. If you feel unwell, seek medical
First-aid measures after inhalation	: Allow affected person to bre		
First-aid measures after skin contact First-aid measures after eye contact	: Gently wash with plenty of s IF IN EYES: Rinse cautious		er. for several minutes. Remove contact lenses, if
First-aid measures after ingestion	present and easy to do. Cor	tinue rinsing.	Obtain emergency medical attention.
4.2. Most important symptoms and effects,		e vonning. e	
Symptoms/effects after inhalation		tion. Danger	of serious damage to health by prolonged
Symptoms/effects after skin contact Symptoms/effects after eye contact	exposure through inhalationCauses skin irritation.Causes eye irritation.		
4.3. Indication of any immediate medical att	·	ont needed	
No additional information available	ondon und opeolar treating		
SECTION 5: Firefighting measures			
5.1. Extinguishing media			
Suitable extinguishing media	: Use extinguishing media ap	propriate for s	surrounding fire.
Unsuitable extinguishing media	: In case of fire, all extinguish	ing media allo	owed.
5.2. Special hazards arising from the substa	ince or mixture		
Fire hazard	: Not flammable.		
5.3. Advice for firefighters			
Firefighting instructions	the environment.	0 ,	ical fire. Prevent fire fighting water from entering
		it proper prot	ective equipment, including respiratory protection.
SECTION 6: Accidental release measur	es		
6.1. Personal precautions, protective equip	ment and emergency proc	edures	
6.1.1. For non-emergency personnel Protective equipment			ntilation] wear respiratory protection. Gloves.
Emergency procedures Measures in case of dust release 6.1.2. For emergency responders	Do not breathe dust. Avoid oVentilate area.	contact with s	kin and eyes.
Protective equipment	: Equip cleanup crew with pro		
Emergency procedures 6.2. Environmental precautions	: Ventilate area. On land, swe		
Prevent entry to sewers and public waters.			
6.3. Methods and material for containment a	und cleaning up		
Methods for cleaning up		to suitable co	ntainers. Minimise generation of dust.
6.4. Reference to other sections			
See Section 8. Exposure controls and personal prote	ction.		
SECTION 7: Handling and storage			
7.1. Precautions for safe handling			
Precautions for safe handling			have been read and understood. Avoid raising
Hygiene measures	 dust. Avoid contact with skir Wash hands and other expo smoking and when leaving v 	sed areas wi	o not breathe dust. th mild soap and water before eating, drinking or
7.2. Conditions for safe storage, including a			
Storage conditions Incompatible products		cation where	it can be protected from the elements.
7.3. Specific end use(s)	. Chong bacos, onong ablas.		
No additional information available			

Safety Data Sheet

SECTION 8: Exposure controls/persona	I protection
8.1. Control parameters	
8.1.1 National occupational exposure and biologic	al limit values
quartz, 1%≤conc respirable crystalline silica	
EU - Indicative Occupational Exposure Limit (IOEL	.)
IOEL TWA	0.1 mg/m ³ (Respirable fraction)
Belgium - Occupational Exposure Limits OEL TWA	0.1 mg/m ³
France - Occupational Exposure Limits	v. mg/m
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/m ³
USA - ACGIH - Occupational Exposure Limits ACGIH OEL TWA	0.025 ma/m3 (Despirable fraction)
aluminium oxide, non-fibrous (1344-28-1)	0.025 mg/m ³ (Respirable fraction)
Belgium - Occupational Exposure Limits	
OEL TWA	1 mg/m ³
France - Occupational Exposure Limits	40 m m/m2
VME (OEL TWA) United Kingdom - Occupational Exposure Limits	10 mg/m ³
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
8.1.2. Recommended monitoring procedures	T mg/m² respirable dust
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	
8.2. Exposure controls	
8.2.1. Appropriate engineering controls Appropriate engineering controls:	
Provide adequate ventilation to minimize dust concent	trations.
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	
Other information:	
Do not eat, drink or smoke during use.	
SECTION 9: Physical and chemical properties	
9.1. Information on basic physical and chem	
Physical state Colour	: Solid : Grey.
Appearance	: Granular mixture.
Odour Odour threshold	: None.
Odour threshold Melting point	: Not available : > 1500 °C
Freezing point	: Not available
Boiling point	: Not available
Flammability Lower explosion limit	: Not flammable : Not applicable
Upper explosion limit	: Not applicable

Safety Data Sheet

Flash point Auto-ignition temperature Decomposition temperature pH pH solution concentration Viscosity, kinematic Solubility Partition coefficient n-octanol/water (Log Kow) Vapour pressure Vapour pressure at 50°C Density Relative density Relative vapour density at 20°C Particle size	 Not applicable Not available ≈ 10.5 10 % Not Applicable Slightly soluble. Not available
9.2. Other information	
 9.2.1. Information with regard to physical hazard of Critical temperature 9.2.2. Other safety characteristics No additional information available 	classes : Not applicable
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	
SECTION 11: Toxicological information	
11.1. Information on hazard classes as defin	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	: Not classified
	pH: ≈ 10.5
Additional information	: Causes skin irritation.
Calcium Aluminate Cement (65997-16-2)	: Causes skin irritation.
Calcium Aluminate Cement (65997-16-2) pH	: Causes skin irritation. ≤ 13
Calcium Aluminate Cement (65997-16-2) pH quartz, 1%≤conc respirable crystalline silica	: Causes skin irritation. ≤ 13 <10% (14808-60-7)
Calcium Aluminate Cement (65997-16-2) pH	: Causes skin irritation. ≤ 13
Calcium Aluminate Cement (65997-16-2) pH quartz, 1%≤conc respirable crystalline silica	: Causes skin irritation. ≤ 13 <10% (14808-60-7)
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Calcium Aluminate Cement (65997-16-2) pH quartz, 1%≤conc respirable crystalline silica pH aluminium oxide, non-fibrous (1344-28-1)	: Causes skin irritation. ≤ 13 <10% (14808-60-7) 6 - 7
Calcium Aluminate Cement (65997-16-2) pH quartz, 1%≤conc respirable crystalline silica pH aluminium oxide, non-fibrous (1344-28-1) pH	 : Causes skin irritation. ≤ 13 <10% (14808-60-7) 6 - 7 9 - 10.5 (aqueous suspension, 33 %) : Not classified
Calcium Aluminate Cement (65997-16-2) pH quartz, 1%≤conc respirable crystalline silica pH aluminium oxide, non-fibrous (1344-28-1) pH Serious eye damage/irritation	 : Causes skin irritation. ≤ 13 <10% (14808-60-7) 6 - 7 9 - 10.5 (aqueous suspension, 33 %) : Not classified
Calcium Aluminate Cement (65997-16-2) pH quartz, 1%≤conc respirable crystalline silica pH aluminium oxide, non-fibrous (1344-28-1) pH Serious eye damage/irritation Calcium Aluminate Cement (65997-16-2)	: Causes skin irritation. ≤ 13 <10% (14808-60-7) 6 - 7 9 - 10.5 (aqueous suspension, 33 %) : Not classified pH: ≈ 10.5 ≤ 13

Safety Data Sheet

gH 9 = 10.5 (aqueous suspansion, 33 %) Reprint of skin sensitisation Not classified Gern cell mutagenicity Not classified Gern cell mutagenicity Not classified Reproducte rouchy Not classified STOT-repetited exposure Not classified quartz, 1% Concerptive Store STOT-repetited exposure Causes damage to organs (respiratory system) through prolonged or repeated exposure (if inhaled). Application Razard Not classified Vibrocast 60 (Mixture) Vibrocast 60 (Mixture) Viscoshy, Kinematic Not applicable (solid) alumiti, moxide, non-fibrous (1344-28-1) Viscoshy, Kinematic 11.2.1. forderine disrupting properties Not classified No additional information available Eased on available data, the classification criteria are not met symptoms Viscoshy, Kinematic Not classified 11.2.1. forderine disrupting properties Not classified No additional information available Eased on available data, the classification criteria are not met symptoms Storich 12.2. Ecological information Information 11.2.1. fordering exponeres Not classified	aluminium oxide, non-fibrous (1344-28-1)	
Gern and mutagenicity : Not classified Carcinogenicy : Not classified STOT-single exposure : Not classified STOT-ingle exposure : Not classified Stot classified : Not classified Stot classified : Not classified Stot classified : Not classified Stot exposure : Not classified : Not classified Stot exposure : Not classified : Not classified : Not classified : Not explicable (solid) aluminum oxide, non-fibrous (1344-28-1) Viscosity, kinematic : Not explicable (solid) aluminum oxide, non-fibrous (1344-28-1) Viscosity, kinematic : Not explicable (solid) 11.2. Information on ther hazards 11.2. Information on ther hazards Stot information information No additional information information Stot classified : Stot classifi	pH	9 – 10.5 (aqueous suspension, 33 %)
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Reproductive toxicity : Not classified STOT-single exposure : May cause damage to organs (respiratory system) through prolonged or repeated exposure (if inhaled). quartz, 1%:Scone respirable crystalline silica<(1%, (14808-60-7)	0 1	
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STOT-repeated exposure Causes damage to organs through prolonged or repeated exposure (if inhaled). Aspiration hazard Not classified Vibrocast 60 (Mixture) Viscosity, kinematic Quartz, 1%Scone respirable crystalline silica<10% (14808-60-7)	STOT-repeated exposure :	May cause damage to organs (respiratory system) through prolonged or repeated exposure (if inhaled).
Aspiration hazard : Not classified Vibrocast 60 (Mixture) Viscosity, kinematic Quartz, 1%Sconc respirable crystalline silica<10% (14808-60-7)	quartz, 1%≤conc respirable crystalline silica<	10% (14808-60-7)
Vibrocast 60 (Mixture) Not Applicable Viscosity, kinematic Not Applicable (solid) quartz, 1%:Sconc respirable crystalline silica<10% (14808-60-7)	STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure (if inhaled).
Viscosity, kinematic Not Applicable quartz, 1%≤Conc respirable crystalline silica<10% (14808-60-7)	Aspiration hazard :	Not classified
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Viscosity, kinematic Not applicable (solid) 11.2. Information on other hazards 11.2. Information on other hazards 11.2. Information properties No additional information available 11.2. Other information Potential adverse human health effects and symptoms SECTION 12: Ecological information 12.1. Toxicity Hazardous to the aquatic environment, short-term : Not classified (acute) Hazardous to the aquatic environment, long-term : Not classified (chronic) aluminium oxide, non-fibrous (1344-28-1) LC50 - Fish [1] > 100 mg/l (46 h, Salmo trutta, Literature study) EC50 - Crustacea [1] > 100 mg/l (46 h, Daphnia magna, Literature study) 12.2. Persistence and degradability Not established. Quartz, 1%.sconc respirable crystalline silica<10% (14808-60-7)	Viscosity, kinematic	Not applicable (solid)
11.2. Information on other hazards 11.2.1. Endocrine disrupting properties No additional information available 11.2.2. Other information Potential adverse human health effects and : Based on available data, the classification criteria are not met symptoms SECTION 12: Ecological information 12.1. Toxicity Hazardous to the aquatic environment, short-term : Not classified (acute) Hazardous to the aquatic environment, long-term : Not classified (chronic) aluminium oxide, non-fibrous (1344-28-1) LC50 - Fish [1] > 100 mg/l (96 h, Salmo trutta, Literature study) EC50 - Crustacea [1] > 100 mg/l (96 h, Daphnia magna, Literature study) 12.2. Persistence and degradability Not established. Quartz, 1%Sconc respirable crystalline silica<10% (14808-60-7)	aluminium oxide, non-fibrous (1344-28-1)	
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Hazardous to the aquatic environment, short–term : Not classified (acute) Not classified Hazardous to the aquatic environment, long–term : Not classified aluminium oxide, non-fibrous (1344-28-1) Image: State	SECTION 12: Ecological information	
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LC50 - Fish [1] > 100 mg/l (96 h, Salmo trutta, Literature study) EC50 - Crustacea [1] > 100 mg/l (48 h, Daphnia magna, Literature study) 12.2. Persistence and degradability Vibrocast 60 (Mixture) Persistence and degradability Not established. quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7)	Hazardous to the aquatic environment, long-term :	Not classified
EC50 - Crustacea [1] > 100 mg/l (48 h, Daphnia magna, Literature study) 12.2. Persistence and degradability Vibrocast 60 (Mixture) Persistence and degradability Not established. quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7)	aluminium oxide, non-fibrous (1344-28-1)	
12.2. Persistence and degradability Intervention of the stabilished. Vibrocast 60 (Mixture) Persistence and degradability Persistence and degradability Not established. quartz, 1% Conc respirable crystalline silica<10% (14808-60-7)	LC50 - Fish [1]	> 100 mg/l (96 h, Salmo trutta, Literature study)
Vibrocast 60 (Mixture) Persistence and degradability Not established. quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7)	EC50 - Crustacea [1]	> 100 mg/l (48 h, Daphnia magna, Literature study)
Persistence and degradability Not established. quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7) Persistence and degradability Biodegradability: not applicable. Chemical oxygen demand (COD) Not applicable (inorganic) ThOD Not applicable (inorganic) aluminium oxide, non-fibrous (1344-28-1) Persistence and degradability Not applicable. Chemical oxygen demand (COD) Not applicable. Not applicable. Chemical oxygen demand (COD) Not applicable. Not applicable. Persistence and degradability Not applicable. Not applicable. Chemical oxygen demand (COD) Not applicable. Not applicable ThOD Not applicable Not applicable ThOD Not applicable Not applicable It.3. Bioaccumulative potential Not established.	12.2. Persistence and degradability	
quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7)	Vibrocast 60 (Mixture)	
Persistence and degradability Biodegradability: not applicable. Chemical oxygen demand (COD) Not applicable (inorganic) ThOD Not applicable (inorganic) aluminium oxide, non-fibrous (1344-28-1) Persistence and degradability Persistence and degradability Not applicable. Chemical oxygen demand (COD) Not applicable. Chemical oxygen demand (COD) Not applicable ThOD Not applicable 12.3. Bioaccumulative potential Not established.	Persistence and degradability	Not established.
Chemical oxygen demand (COD) Not applicable (inorganic) ThOD Not applicable (inorganic) aluminium oxide, non-fibrous (1344-28-1) Persistence and degradability Persistence and degradability Not applicable. Chemical oxygen demand (COD) Not applicable ThOD Not applicable Chemical oxygen demand (COD) Not applicable ThOD Not applicable D Not applicable Bioaccumulative potential Not established.	quartz, 1%≤conc respirable crystalline silica<	10% (14808-60-7)
ThOD Not applicable (inorganic) aluminium oxide, non-fibrous (1344-28-1) Implicable Persistence and degradability Not applicable. Chemical oxygen demand (COD) Not applicable ThOD Not applicable ThOD Not applicable 12.3. Bioaccumulative potential Vibrocast 60 (Mixture) Bioaccumulative potential Not established.	Persistence and degradability	Biodegradability: not applicable.
aluminium oxide, non-fibrous (1344-28-1) Persistence and degradability Not applicable. Chemical oxygen demand (COD) Not applicable ThOD Not applicable 12.3. Bioaccumulative potential Vibrocast 60 (Mixture) Bioaccumulative potential Not established.	Chemical oxygen demand (COD)	Not applicable (inorganic)
Persistence and degradability Not applicable. Chemical oxygen demand (COD) Not applicable ThOD Not applicable 12.3. Bioaccumulative potential Vibrocast 60 (Mixture) Bioaccumulative potential Not established.	ThOD	Not applicable (inorganic)
Chemical oxygen demand (COD) Not applicable ThOD Not applicable 12.3. Bioaccumulative potential Vibrocast 60 (Mixture) Bioaccumulative potential Not established.	aluminium oxide, non-fibrous (1344-28-1)	
ThOD Not applicable 12.3. Bioaccumulative potential Vibrocast 60 (Mixture) Bioaccumulative potential Not established.	Persistence and degradability	Not applicable.
12.3. Bioaccumulative potential Vibrocast 60 (Mixture) Bioaccumulative potential Not established.	Chemical oxygen demand (COD)	Not applicable
Vibrocast 60 (Mixture) Bioaccumulative potential Not established.	ThOD	Not applicable
Bioaccumulative potential Not established.	12.3. Bioaccumulative potential	
	Vibrocast 60 (Mixture)	
quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7)	Bioaccumulative potential	Not established.
	quartz, 1%≤conc respirable crystalline silica<	10% (14808-60-7)
Bioaccumulative potential No bioaccumulation data available.	Bioaccumulative potential	No bioaccumulation data available.

Safety Data Sheet

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
Ecology - soil	Low potential for mobility in soil.
aluminium oxide, non-fibrous (1344-28-1)	
Surface tension	No data available in the literature
Ecology - soil	No data available.
12.5. Results of PBT and vPvB assessment	
Component	This substance/minimum data not most the DDT mitoria of DEACH regulation, ender VIII
quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7) 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 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
12.6. Endocrine disrupting properties	
No additional information available	
12.7. Other adverse effects	: No other effects known
Additional information 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	: Avoid release to the environment.
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	
	: Not regulated
Proper Shipping Name (IMDG) Proper Shipping Name (IATA)	: Not regulated : Not regulated
Proper Shipping Name (RID)	: Not regulated
14.3. Transport hazard class(es)	
ADR Transport hazard class(es) (ADR) IMDG	: Not regulated
	: Not regulated
	: Not regulated
	: Not regulated
14.4. Packing group	
Packing group (ADR) Packing group (IMDG)	Not regulated Not regulated
Packing group (IATA)	: Not regulated
55 1 ()	: Not regulated
14.5. Environmental hazards Dangerous for the environment	: No
Marine pollutant	: No
	: 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	

Safety Data Sheet

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

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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

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Code	Description	
RG 25	Diseases resulting from the inhalation of mineral dust containing crystalline silica (quartz, cristobalite, tridymite), crystalline silicates (kaolin, talc), graphite or coal.	
Germany Employment restrictions	: Observe restrictions according Act on the Protection of Working Mothers (MuSchG).	

	Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).
Water hazard class (WGK)	 Not classified according to Regulation Governing Systems for Handling Substances Hazardous to Waters (AwSV).
Hazardous Incident Ordinance (12. BImSchV) Netherlands	: Is not subject of the Hazardous Incident Ordinance (12. BImSchV)
SZW-lijst van kankerverwekkende stoffen	: Calcium Aluminate Cement,quartz, 1%≤conc respirable crystalline silica<10%,cristobalite EU are listed
SZW-lijst van mutagene stoffen	: Calcium Aluminate Cement is listed
SZW-lijst van reprotoxische stoffen - Borstvoeding	g : None of the components are listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling Denmark	: 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 with the product
Switzerland	
Storage class (LK)	: LK 6.1 - Toxic materials

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Other information

: Report language name. English. 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	

Safety Data Sheet (SDS), EU

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