SAFETY DATA SHEET according to regulation of Europian parliament and Council (ES) number 1907/2006 according Committee regulation (EU) number 878/2020 10.05.2024 Date of Issue: Version number: 1 No. of pages: Revision date: Replaces version: FORTISOL 1K Product name: 1. Section 1: Identification of substance/mixture and of the company/undertaking 1.1 Product identifier: FORTISOL 1K The product is not a nanoform, nor does it contain any nanoforms. UFI code: CQXR-FMSE-M61P-CMAJ 1.2 Relevant identified uses of the substance or mixture and uses advised against: 1.2.1 Relevant identified use: Lifecycle phases: PW (wide range of use by professionals - basic) C (consumer use) Usage Name: SU0 Other usage description: waterproofing compound PC1; PC15 Market description: Contributing Activity Name: Manual activities involving hand contact Contributing activities descriptor: PROC19 More information: technical function of the product in waterproofing compound this use: quantity to be used: 0 - 10 t / yr No Regulatory status by specific use: limited number of devices for this No use. 24 months the subsequent period of use relevant to this use: ERC2; ERC8c; ERC8f; ERC10a; an overview of environmental ERC11a release categories for each life cycle stage: supplied as a mixture 1.2.2 Uses advised against: all other uses 1.3 Details about the supplier of the safety data sheet: AUSTIS a. s. Producer and supplier: Adress: K Austisu 680, 154 00 PRAHA 5 - Slivenec Telephone number: +420 251 099 111 Fax: +420 251 099 112 austis@austis.cz e-mail +420 725 491 378 1.4 Emergency telephone number: +420 251 099 247 Centre of the Toxicologicaly information Na Bojišti 1, 120 00 Prague 2, Tel.: +420 224 919 293 C7 Section 2: Hazard identification 2. 2.1 Classification of the substance or mixture The mixture is classified as dangerous. Classification under Regulation 1272/2008/EU Eye Dam. 1; H318 STOT SE 3; H335 Skin Irrit. 2; H315 Skin Sens. 1; H317 2.2 Label elements Symbols: GHS05 GHS07 Signal word: Dangerous It contains a hazardous substance: Cement (Portland) clinker, dust from the production of Portland clinker Hazard Statement: H318: Causes serious eye damage. H335: May cause respiratory irritation. H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

	Precautionary Statement:	protection. P305+P351+P338: IF IN EYES several minutes. Remove cont Continue rinsing. P310: Immediately call a POIS P302+P352: IF ON SKIN: Was P332+P313: If skin irritation oc	protective clothing/eye protection/ face 5: Rinse cautiously with water for act lenses, if present and easy to do.		
2.3	Other hazards:		eria to be classified as PBT or vPvB endocrine disruptor, nor does it		
	Other risks:	unknown			
3.	Section 3: Composition / information on ingredients				
0.0	Mixture of cement, graded quartz sand and refining chemicals.				
3.2	Mixtures Chemical name:	Silico	Dortland comont		
	Content [%]:	Silica < 45	Portland cement < 33		
	Index number:	Not Assigned	Not Assigned		
	CAS:	14808-60-7	65997-15-1		
	EC number (EINECS):	238-878-4	266-043-4		
	REACH Registration number:	Not Assigned	Not Assigned		
	Classification according to Directive 1272/2008/EU:	not Assigned	Eye Dam. 1; H318 STOT SE 3; H335 Skin Irrit. 2; H315 Skin Sens. 1; H317		
	Specific concentration limits, M-factors:	Not Assigned	Not Assigned		
		Established Exposure limit EH40/2005 (WELs):	Established Exposure limit EH40/2005 (WELs):		
	Full text of H - phrases in Section 16				
4.	Section 4: First aid measures				
4.1	Description of first aid measures When providing first aid it is necessary to ensure safety of both vio must be kept in mental and physical rest. Victim must be kept war sheet with information about substance or mixture with you in case Inhalation: Break exposure, move to fresh air and protect the victir breath or other symptoms persist. When on skin: Put away contaminated clothes and shoes, wash th soap can be used; seek doctor's advice, especially if the skin stay. Eye Contact: Rinse eyes with plenty of water (10 to 15 minutes). K contact lenses remove them immediately. Seek medical attention. Ingestion: Do not induce vomiting! Drink at least 0,5 liters of water Toxicology Information Centre for need of medical treatment with i SDS.	m and must not get cold. Take original e of medical examination. n from cold. Provide medical treatmen ne contaminated spot with plenty of tep s irritated. Keep your eyes opened (even by force with 5 to 10 tablets of crushed charco	container with label or safety data t especially if coughing, shortness of d water; if the skin is not irritated, if necessary). If the victim is wearing al. In case of nausea contact the		
4.2	Most important symptoms and effects, both acute and delayed				
	The product may have adverse effects through inhalation and if sw		-		
4.3	Indication of any immediate medical attention and special treatme	nt needed:	Symptomatic treatment		
5.	Section 5: Fire-fighting measures				
5.1	Extinguishing media				
	Suitable extinguishing media: not relevant				
	Unsuitable extinguishing media: not relevant				
5.2	Special hazards arising from the substance or mixture: none				
5.3	Advice for firefighters: none				
6.	Section 6: Accidental release measures				
6.1	Personal precautions, protective equipment and emergency proce respirator.	dures: Appropriate protective gloves, g	goggles, appropriate clothing, or		
6.1.1	For workers except for those intervening in emergency cases - ins a) use of appropriate protection (including personal protective equi clothing contamination;				

6.1.2 6.2 6.3 6.3.1 6.3.2 6.4	c) emergency measures, for example necessa For workers intervening in emergency cases -	nce or mixture ization; r mixture uthorized person for disposal.	part 8 BL)	
7.	Section 7: Handling and storage			
7.1	Measures for safe manipulation:			
7.1.1	(enclosing of leaked mixture, sealing of demagon) andb) Obey measures for prevention of manipulat	ion with incompatible substances or mixtures (see part 10) in common ature from +5 to +25 °C, do not expose to temperature under 0 °C (no	non-sparkling tools and so	
		i.e. leak into canalization, surface or underground water and soil.		
7.1.2	Instructions for general hygiene of work:	,		
	a) Do not eat, drink or smoke on work areas.			
	b) After working with product wash your hands	with soap and water, eventualy use regeneration hand cream.		
	c) Before entering dining areas, remove contaminated clothing and protective equipment.			
7.2	storages in original closed packages in tempe	mixtures including incompatible substances and mixtures: Store in dr ratures from +5 to +25 °C, do not expose to temperature under 0 °C (r rces. Prevent any contact with oxidazing substances, strong acids and nable liquid according to ČSN 65 0201.	not even in short term). Do	
7.3	Specific end use: see part 1.2; coating proced documentation.	ure and recomendations are listed in technical list of the product, or in	other product	
8.	Section 8: Exposure controls / personal pro	otection		
8.1	Control parameters:			
	Exposure limits EH40/2005 (WELs):			
	Chemical name:	Portland cement inhalable Silica dust / respirable dust	a, respirable crystalline	
	CAS:	65997-15-1	14808-60-7	
	Long-term exposure limit [mg/m ³] (TWA/8 h)	10 / 4	0,1	
	Short-term exposure limit [mg/m ³] (15 minut)	-	-	
8.2	Exposure controls			
	Ensure adequate ventilation. Ensure protective	e equipment is worn while working with the product. Contaminated wor I face with soap and water after use. Do not eat, drink or smoke while		
8.2.1 8.2.2	Appropriate engineering controls: Observe the Individual protection measures, such as perso	usual precautions to protect the health and make sure the working sp nal protective equipment:	pace is well-ventilated.	
	Occupational exposure is governed by Directive 89/686/EEC therefore any use of personal protective equipment must be in accordance with this Regulation.			
	a) Eyes and face protection: Suitable safety getb) Skin protection: Common safety clothing wiwater.	oggles (EN 166), face shiled. th long sleave and shoes; take of the contaminated clothing and wash	your skin with soap and	
	use reparing hand cream.	es (made from rubber - according to EN 374), wash your hands with s		
	quarter-shiled with gass filter (EN 140, EN 141	tion not required. When spraying, face half-shiled is recomended for ga). d to construction of personal protective measures, when specifying pro		
8.2.3	, , , , , , , , , , , , , , , , , , , ,	ered to be heat hazard. Not relevant for this product.		
<u> </u>				
9.	Section 9: Physical and chemical propertie			
9.1.	Information on basic physical and chemical pro			
	a) State	loose material		
	b) Color	gray odorless		
	c) Odour:	0001655		

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	Odor threshold:	Not specified Not specified
	d) Melting/Freezing point (temperature range) (°C):	Not specified
	e) Boiling point or initial boiling point and boiling range (°C)	Not specified
	f) Combustibility: g) Explosion limints: upper limit (% volume):	Not specified
	lower limit (% volume):	Not specified
		Not specified
	h) Point of ignition:	Not specified
	i) Temperature of self-ignition:	Not specified
	j) Temperature of decomposition (°C):	11,0 - 13,5 (when mixed with water)
	k) pH (23 °C) I) Kinematic viscosity:	Not specified
	· ·	Not opcomed
	m) Solubility (23 °C) - with water:	up to 1,5 g/L with water
	- with fats:	Not specified
	n) Partition coefficient n - octanol/water:	Not specified
	,	Not specified
	o) Steam pressure (20 °C):	approximately 1,7 - 1,9 g.cm ⁻³
	 p) Density and/or relative density (20 °C): q) Relative viscosity of steam (at °C): 	Not specified
	r) Particles characteristics:	Not specified
2	Other information:	Not opcomed
.2.1		is not relevant
.2.2	Information about class of physical hazard: Other safety characteristics	is not for value
	Evaporation rate:	Not specified
	Dynamic viscosity:	Not specified
	Explosive properties:	Not specified
	Oxidizing properties:	Not specified
0. 0.1 0.2 0.3	Section 10: Stability and reactivity Product is stable under recommended storage and handling condit Reactivity: Product is not reactive under recommended storage and Chemical stability: Product is stable under recommended storage a limited duration of action Possibility of hazardous reactions: unknown	
0.1 0.2 0.3 0.4	Product is stable under recommended storage and handling condit Reactivity: Product is not reactive under recommended storage and Chemical stability: Product is stable under recommended storage a limited duration of action Possibility of hazardous reactions: unknown Conditions to avoid: uncontrolled contact with water and acids.	handling conditions.
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0.1 0.2 0.3 0.4 0.5 0.6	 Product is stable under recommended storage and handling condit Reactivity: Product is not reactive under recommended storage and Chemical stability: Product is stable under recommended storage and limited duration of action Possibility of hazardous reactions: unknown Conditions to avoid: uncontrolled contact with water and acids. Incompatible materials: water and acids Hazardous Decomposition Products: Thermal decomposition: the r the dust after dispersing it into the atmosphere. Section 11: Toxicological information Information about hazard classes acording to (ES) č. 1272/2008 a) acute toxicity: LD₅₀, oral, rat (mg.kg⁻¹): LC₅₀, by inhalation, rat, for aerosols or particles (mg.kg⁻¹): LC₅₀, by inhalation, human, for quartz-sand dust (mg.kg⁻¹): b) corrosivity/skin irritation: 	d handling conditions. and handling conditions. The product contains a reducing agent with a nixture itself is a product of thermal decomposition, it is dangerous to inher the classification cirteria are not met based on avilable information the classification cirteria are not met based on avilable information the classification cirteria are not met based on avilable information the classification cirteria are not met based on avilable information the classification cirteria are not met based on avilable information the classification cirteria are not met based on avilable information 0,3 (for intermittent exposure for 10 years) Causes skin irritation. Causes serious eye damage.
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11.1.3	If enough information from substance/mixture trials exist, it might be necessary to sum up results of used studies, for example according to	not relevant
11.1.4	exposure run If the classification criteria are not met for specific hazard class, information explaining the justification should be stated.	relevant concentration limits were not exceeded
11.1.5	Information about likely exposure run	no effects on human health are known
11.1.6	Symptoms corresponding to physical, chemical and toxicological features	no effects on human health are known
11.1.7	Belated and immediate effects and chronical effects of short/long term exposure	no effects on human health are known
11.1.8	Interactive effects	unknown
11.1.9	Lack of specific data	not relevant
	Mixtures	see part 8
11.1.11	Mixtures information compared to substance information	
	1) Substances in the mixture can react with each other inside of a body a	•
	2) It is necessary to consider, if concentration of each substance is suffic	
	a) if the information are doubled, they are listed only once for a substance as a whole, for example when two different substances are causing vomiting and diarrhea;	Not relevant for this mixture.
	b) if it is not likely the effects will appear with current concentrations, for example when weak irritating substance is disolved in non-irritating solution to a level under certain concentration;	Not relevant for this mixture.
	c) if the information about mutual effects of substances in the mixture are unavilable, no assumptions will be listed and instead effects on healtf of each substance will be listed.	see part 8
	Additional data:	None
11.2	Other hazards information	
11.2.1	Features causing disruption of endocrinal system	Not relevant for this mixture.
11.2.2	Other information	None
12.	Section 12: Ecological information	
12.1	Toxicity	
	Acute toxicity for water organisms:	
	- LC ₅₀ , 96 hours, fish (mg/kg):	Not set
	- LC ₅₀ , 48 hours, fish (mg/kg):	Not set
	- IC ₅₀ , 72 hours, algae (mg/kg):	Not set
	Toxicity to other environments:	not determined, the mixture is poorly soluble in water, but if large quantities leak, the aquatic environment may strongly alkaline and therefore damage aquatic organisms
12.2	Persistence and degradability:	it is assumed that it is practically non-existent
12.3	Bioaccumulative potential:	Not set
12.4	Mobility in soil:	small even in unused state, in hardened state it is immobile
12.5	Results of PBT and vPvB	The mixture does not meet the criteria for classification as PBT or vPvB.
12.6	Features causing disruption of endocrinal systém	Unknown for this mixture
12.7	Other adverse effects:	See Section 2
	Additional data:	The product must not leak into surface and groundwater. Notify competent authorities immediately in case of accident.
13.	Section 13: Disposal considerations	
13.1	Methods of waste management:	
	(a) Appropriate methods of disposal of the substance or mixture and con Waste Act (as amended) and the applicable Waste Disposal Regulations packaging in marked waste collection containers and hand it over for dis authorised to do so. Do not dispose of unused product down the drain. It be used for energy recovery in a waste incinerator (except for metal) or of cleaned packaging may be handed over for recycling. Always comply with	s (as amended). Place the unused product and contaminated posal to an authorised waste disposal person (specialised company) must not be disposed of with municipal waste. Empty packaging may lisposed of in a landfill of the appropriate classification. Completely
	Translated with www Deepl_com/Translator (free version) b) Physical / chemical properties that can affect ways of waste handling:	
	c) Avoid disposal through sewer: It is necessary to prevent leakage of bo	
	d) Special precautions for the recommended waste management: Avoid	contact with skin, mucous membranes and eyes.
14.	Section 14: Transport information	
14.1	UN number or ID number	Not specified
	Required shipping label:	
	ADR/RID/ADN:	Not specified

	IMDG:		Not specified
	ICAO TI:		Not specified
4.2	Proper na	ame of United Nations for the shipment	
	, ADR/RID		Not specified
	IMDG:		Not specified
	ICAO TI:		Not specified
.3		t hazard class(es):	
	ADR/RID		Not specified
	IMDG:		Not specified
	ICAO TI:		Not specified
1.4	Packing	aroup.	Not specified
+.4	ADR/RID		Not specified
	IMDG:	Adn.	
			Not specified
	ICAO TI:	and the second of	Not specified
1.5		nental hazards:	Not specified
.6	Special p	precautions for user:	See Section 8
	• •	provisions (ADR):	Not specified
1.7		ass-transport according to instrumenst IMO:	Not applicable
	Notes:		None
	Additiona	ıl data:	None
j.	Section	15: Regulatory information	
.1		ealth and environmental regulations/legislation specific	for the substance or mixture.
	Regulatio	on of the European Parliament and Council Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation ar
	Restrictio	on of Chemicals establishing European Chemicals Agen	icy, as amended
	Regulatio	on of the European Parliament and Council Regulation (EC) No 1272/2008 (CLP) as amended
	Commisi	on directive (EU) No. 878/2020	
	EH40/20	05 Workplace exposure limits (second edition, published	d 2011). Containing the list of workplace exposure limits for use with the
	Control o	f Substances Hazardous to Health Regulations (as ame	ended)
5.2	Assessm	ent of chemical safety of mixture:	Not performed
6.	Section	16: Other information	
	Informati	on stated in this safety data sheet is based on the curre	nt knowledge of EU legislation. It is a recommendation in terms of health an
		on stated in this safety data sheet is based on the curre well as recommendation related to ecological matters t	
	safety as	well as recommendation related to ecological matters t	
		well as recommendation related to ecological matters t	
	safety as a) New e	well as recommendation related to ecological matters t	hat are essential to safe usage of the product.
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	safety as a) New e b) key or LD ₅₀	well as recommendation related to ecological matters t dition. legend for abbreviations and accronyms used in the sa The lethal dose for 50 % mortality of the test populati	that are essential to safe usage of the product. fety data sheet: ion relative to a control sample.
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c) important references to literature and data sources

Initial data sources are safety data sheets of the inherent (components).

d) in case of mixture, statement about evaluation method used for classification according to article 9 of directive (ES) number 1272/2008 For evaluation purposes, principles of extrapolation were used. Calculation methods.

e) List of H-sentences, whose full form is not listed in other parts.

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H335 May cause respiratory irritation.

Guidelines for training:

As required by national legislation.

Recommended restrictions on use (i. e. non-statutory recommendations by supplier):

Product should not be used for other purposes than specified (see section 1.2). Because specific conditions of use are beyond supplier's control, it is the responsibility of the user to adapt all the mentioned information to local law and regulations. Safety information describe the product with regard to safety and cannot be considered technical information about the product.