

MATERIAL SAFETY DATA SHEET

Pursuant to Rulebook on contents of Material Safety Data Sheet "Official Gazette of the Republic of Srpska number 104/13)
in line with Regulation (EC) no. 1907/2006

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Trade name:	KERAFIX Z	BTL.C.32.03
Product code:	Production date: March 28, 2017	Version no: 03


SECTION 1. IDENTIFICATION OF SUBSTANCE / MIXTURE AND OF THE COMPANY/UNDERTAKING		
1.1.	Product identifier	
II	Trade name:	Kerafix Z
	Chemical name:	Not applicable
	Synonyms:	Not applicable
	Catalogue number:	Not applicable
1.2.	Relevant identified uses of the substance or mixture and uses advised against	
	Application:	Used for gluing wall and floor ceramic tiles in interior conditions of exploitation. For detailed information, see product data sheet/label.
	Applications not recommended:	All other applications not listed on label or product data sheet.
	Reasons for non-application:	Bad quality of the product in the sense of processing, consistency, adhesion, gluing etc.
1.3.	Details of supplier of the safety data sheet	
	Company name:	Colorit d.o.o.
	Address:	Blagoja Parovića 114b
	Telephone:	+387(0)51/388-830
	Fax:	+387(0)51/388-801
	e-mail address of the person liable for MSDS:	colorit@inecco.net
	Authorized person in RS:	Colorit d.o.o., Blagoja Parovića 114b, Banja Luka
1.4.	Emergency telephone number	
	Emergency telephone number:	121 (before 112 gets activated)
	Telephone number for medical information:	124 (0-24h)
	Other information:	+381 11 360 84 40 (Poison Control Center Military Medical Academy Belgrade, Serbia)
SECTION 2. HAZARD IDENTIFICATION		
2.1.	Classification of the substance or mixture	
2.1.1.	CLP/GHS system classification	
	Hazard class and category mark:	Warning on danger (H, EUH)*:
	Skin irrit. 2	H315
	Skin sens. 1	H317
	Eye dam. 1	H318
	STOT SE 3	H335
2.1.2.	DSD/DPD system classification	
	Danger sign:	Risk sign (R)*:

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	Xi	R37/38, R41, R43
2.1.3.	Additional information	
	Not applicable	
*Full text R, H and EUH marks in Section 16.		
2.2.	Label elements	
	Labeling in line with:	CLP/GHS system <input checked="" type="checkbox"/> DSD/DPD system <input type="checkbox"/>
	Pictogram / hazard symbol:	
	Signal word / danger sign and written warning:	Danger
	Hazard statements (H) / Risk sign (R):	H315 – Causes skin irritation. H317 – May cause an allergic skin reaction. H318 – Causes serious eye damage. H335 – May cause respiratory irritation.
	Precautionary statements (P) / Safety sign (S):	P102 – Keep out of reach of children P280 - Wear protective gloves/protective clothing/eye protection/face protection P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P304+P340-IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310-Immediately call a POISON CENTER or doctor/physician. P333-P313-If skin irritation or rash occurs: Get medical advice/attention P501 – Disposal of contents /container in accordance with local/national/regional/international regulations
	Supplemental hazard information:	Not applicable

2.3.	Other hazards	
	Product reacts alkali in contact with water.	

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.	Information on mixture ingredients				
Name	CAS number / EC number / Index number	REACH registration number	mass or volume % or range	DSD system classification*	CLP/GHS system classification*

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Quartz sand	Not applicable	Excluded	50-61	Not classified	Not classified
Portland cement clinker	65997-15-1/ 266-043-4/ Not applicable	Excluded	19-25	Xi; R37/38,R41,R43	Skin irrit. 2, H315 Skin sens. 1, H317 Eye dam. 1, H318 STOT SE 3, H335

* Full text R, H and EUH marks in Section 16.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

General:	In contact with doctor, bring this Material Safety Data Sheet.
After inhalation:	Take person out on fresh air. Clear throat, drink water in order to rinse throat, blow nose to remove dust. If symptoms persist, ask for medical help. In case of inhaling larger amount, ask for urgent medical help.
After skin contact:	Remove contaminated clothes and footwear, rinse contaminated body parts with water for about 10-15 minutes. If symptoms persist, ask for medical help.
After eye contact:	Do not scrub eyes to avoid eye damage. Wash hands, open eyelids using clean fingers and rinse each eye with warm water thoroughly for at least 15 minutes to clear all particles. If possible, wash with saline solution. Consult ophthalmologist.
After swallowing:	Do not induce vomiting. If conscious, rinse mouth with water and spit. Ask immediate medical help.
Personal protection of person providing first aid:	Not applicable

4.2. Most important symptoms and effects, both acute and delayed

After inhalation:	Coughing, sneezing, chest pain, throat spasm and breathing difficulties may occur.
After skin contacts:	Skin redness, prickle, itching and skin cracking. In case of longer contact or contact with wet product could cause extreme sensitiveness, dermatitis or burns in touch with wet skin.
After ye contact:	Could cause redness, tearing, irritation, eye pain, blurred vision and unrecoverable eye damages.
After swallowing:	Could cause nausea, vomiting, diarrhea and abdominal pain if swallowed in bigger amount.

4.3. Indication of any immediate medical attention and special treatment needed

Not applicable.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing agents:	Carbon-dioxide, extinguishing powder, foam or water spray. Use agents depending on surrounding subjects caught by fire.
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	Inappropriate extinguishing agents:	Not applicable
5.2.	Special hazards arising from substance or mixture	
	Dangerous combustion products:	Not known
5.3.	Advice for firefighters	
	Use breathing mask in case of unknown combustion products occurrence.	
SECTION 6. ACCIDENTAL RELEASE MEASURES		
6.1.	Personal precautions, protective equipment and emergency procedures	
6.1.1.	For people not trained for the accident:	
	Protective equipment:	Protective equipment as in Section 8.2.
	Accident prevention procedures:	Do not make dust. Prevent expansion into air, vacuum cleaning. Wet clearance, wet dust, sweep wet product and remove with shovel. Let it sit for 30-90 minutes and send for taking care of. In case of accident, ensure location; evacuate staff not included in sanitation.
	Emergency procedures:	Not applicable.
6.1.2.	For people participating in accident response:	
	In case vacuum and wet cleaning are not possible, ensure that workers who are clearing the product wear protective equipment as in Section 8.	
6.2.	Environmental precautions	
	Do not allow to enter sewerage, manholes and other water courses.	
6.3.	Methods and materials for containment and cleaning up	
6.3.1.	For confinement:	Not applicable.
6.3.2.	For cleaning up:	Pursuant to Section 6.1.1.
6.3.3.	Other information:	Avoid inhalation and skin contact.
6.4.	Reference to other Sections	
	Contaminated material should be disposed pursuant to Section 13. Use personal protection equipment pursuant to Section 8.	
SECTION 7. HANDLING AND STORAGE		
7.1.	Precautions for safe handling	
7.1.1.	Protective measures	
	Recommendations for safe handling:	Pursuant to Section 8
	Fire prevention measures:	Not applicable.
	Aerosol and dust formation preventive measures:	Do not sweep or brush. Vacuum cleaning to avoid product dust.

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	Incompatible materials handling:	Not applicable.
	Environment protective measures:	Keep bags firmly closed in horizontal position in waterproof, dry and rooms safe from contamination. Prevent disposal to water courses, sewage and manholes.
7.1.2.	General hygienic measures advice:	Do not eat, drink or smoke while using the product. Wash your hands after your shift. Take off contaminated clothes and protective equipment before entering the room for eating. Keep working clothes separated from other clothes.
7.2.	Conditions for safe storage, including any incompatibilities	
	Technical measures and storage conditions:	Dry, ventilated room protected from humidity.
	Packaging materials:	Natron paper bag.
	Requests for storage rooms and containers:	Protect from humidity. Keep bags firmly closed in horizontal position in waterproof, dry and rooms safe from contamination. Keep in ventilated room. Prevent dust creation.
	Storage class:	Not relevant
	Other information on storage conditions:	Recommended temperature 5-25°C. Ensure good ventilation.
7.3.	Specific and use(s)	
	Recommendations:	Not applicable.
	Special solutions for industrial sector:	Not applicable.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters:				
Substance	CAS number	Exposure limiting value (ELV/KELV)		Biological limiting values
		ppm	mg/m ³	
Portland cement dust	65997-15-1	Not applicable	10(U)* 4(R)**	Not applicable
*total dust				
**respiratory dust				
Substance:	Not applicable for substance in Section 3.			
EC no.:	Not applicable	CAS no.:	Not applicable	Not applicable
DNEL				
Worker				
Exposure way:	Acute local effects	Acute systematic effects	Chronic local effects	Chronic systematic effects
Oral	Not applicable	Not applicable	Not applicable	Not applicable

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Inhalation	Not applicable	Not applicable	Not applicable	
Skin	Not applicable	Not applicable	Not applicable	
Key physical parameters: melting point, flammability, corrosion:			Not applicable	
User				
Exposure way:	Acute local effects	Acute systematic effects	Chronic local effects	Chronic systematic effects
Oral	Not applicable	Not applicable	Not applicable	Not applicable
Inhalation	Not applicable	Not applicable	Not applicable	Not applicable
Skin	Not applicable	Not applicable	Not applicable	Not applicable
PNEC				
Environment segment		PNEC		
Fresh water		Not applicable		
Fresh water sediments		Not applicable		
Sea water		Not applicable		
Sea sediments		Not applicable		
Food chain		Not applicable		
Microorganisms in waste water treatment		Not applicable		
Land (agricultural)		Not applicable		
Air		Not applicable		
8.2.	Exposure controls			
8.2.1.	Appropriate technical control			
	Exposure control measures in identified application:	Avoid kneeling in the vicinity of wet product in application. If necessary, wear protective equipment as in Section 8. Do not smoke, drink or eat during work in order to avoid skin or mouth contact.		
	Structural measures for exposure prevention:	Pursuant to Section 7.		
	Organizational measures for exposure prevention:	As soon as the work is done, take off contaminated clothes and footwear, remove jewelry and watches and have a shower.		
	Technical measures for exposure prevention:	Pursuant to Section 7.		
8.2.2.	Personal protective equipment			
8.2.2.1	Eyes and face protection:	Protective goggles should that fit eyes/face well.		
8.2.2.2	Skin protection:			
	Hands protection:	Protective gloves made of alkali proof material.		
	Protection of other body parts:	Protective long sleeve working clothes and appropriate closed footwear. Prevent wet product enter shoes.		

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8.2.2.3	Protection of breathing parts:	It is not necessary in case of appropriate ventilation. In case of insufficient ventilation or creation of dust, use protective filter half-mask for protection from particles.
8.2.2.4	Protection from thermal hazards:	Not applicable
8.2.3.	Environment exposure control	
	Preventive measures for substance/mixture exposure:	Pursuant to Section 6.
	Exposure control measures in identified application:	Pursuant to Section 6.
	Structural measures for exposure prevention:	Pursuant to Section 6.
	Organizational measures for exposure prevention:	Pursuant to Section 6.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties			
		Value	Method
	Form:	Solid (powder)	Not applicable
	Color:	Grey	Not applicable
	Odor:	No odor	Not applicable
	Odor threshold:	Not applicable	Not applicable
	pH:	11.5-13.5 (mixed)	BDS EN ISO 787-9
	Melting point/Freezing point:	Not applicable	Not applicable
	Ignition boiling point and boiling range:	Not applicable	Not applicable
	Ignition point:	Not applicable	Not applicable
	Evaporation rate:	Not applicable	Not applicable
	Flammability (solid, gas):	Not applicable	Not applicable
	Upper/lower flammability or explosion limit:	Not applicable	Not applicable
	Vapor pressure:	Not applicable	Not applicable
	Vapor density:	Not applicable	Not applicable
	Relative density:	Not applicable	Not applicable
	Pouring density:	Not applicable	Not applicable
	Solubility:	Not applicable	Not applicable

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Partition coefficient: n-octanol /water (log Pow):	Not applicable	Not applicable
Self-ignition temperature:	Not applicable	Not applicable
Decomposition temperature:	Not applicable	Not applicable
Viscosity	Not applicable	Not applicable
Explosion features:	Not applicable	Not applicable
Oxidizing features:	Not applicable	Not applicable

9.2. Other information		
Sliding:	0.4 mm	BDS EN 1308:2009
Defining open time:	1.4 N/mm ² after 40 minutes	BDS EN 1346:2008

SECTION 10. STABILITY AND REACTIVITY		
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10.1.	Reactivity:	Not applicable
10.2.	Chemical stability:	Stabile under normal conditions.
10.3.	Possibility of hazardous reactions:	Not applicable
10.4.	Conditions to avoid:	Humidity in storage can cause worse quality of product.
10.5.	Incompatible materials:	Not applicable
10.6.	Hazardous decomposition products:	Not applicable

SECTION 11. TOXICOLOGICAL INFORMATION		
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11.1. Information on toxicological effects		
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Acute toxicity: information for Portland cement		
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Exposure way	Method	Organism	Dose LD ₅₀ /LC ₅₀	Exposure time	Result
Swallowing:	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Skin contact:	Not applicable	Hare	2000 mg/kg	24h	No lethal effect
Inhaling:	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

II Irritation and corrosion		
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	Exposure time	Organism	Evaluation	Method	Note
Skin irritation:	Not applicable	Not applicable	Not applicable	Not applicable	Irritation
Eye irritation:	Not applicable	Not applicable	Not applicable	Not applicable	Severe eye damage

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	Irritation of respiratory system	Yes				
	Sensitization					
Inhalation:	Yes					
Skin contact:	Possible skin sensitization.					
	CMR effects (carcinogenetic, mutagenic, reproductive toxicity)					
Carcinogenetic:	Not applicable					
Mutagenic <i>in-vitro</i> :	Not applicable					
Genotoxic:	Not applicable					
Mutagenic <i>in-vivo</i> :	Not applicable					
Mutagenic effect on sex cells:	Not applicable					
Reproductive organs toxicity:	Not applicable					
	Toxicity in repeated dose (sub-acute, sub-chronic, chronic)					
	Dose	Exposure time	Organism	Method	Evaluation	Note
Sub-acute to mouth	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Sub-acute on skin	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Sub-acute inhalation	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Sub-chronic to mouth	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Sub-chronic on skin	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Sub-chronic inhalation	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Chronic to mouth	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Chronic on skin	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Chronic inhalation	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
	Specific toxicity for organ target – single exposure (STOT SE):					
	Specific effects			Exposed organ	Note	
Swallowing:	Not applicable			Not applicable	Not applicable	
Skin contact:	Possible skin irritation			Not applicable	Not applicable	

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Inhalation:	Possible throat and respiratory tract irritation	Not applicable	Not applicable
Specific toxicity for organ target – repeated exposure (STOT RE): * information for Portland cement clinker			
	Specific effects	Exposed organ	Note
Sub-acute to mouth	Not applicable	Not applicable	Not applicable
Sub-acute on skin*	Possible contact dermatitis	Not applicable	Not applicable
Sub-acute inhalation*	Possible chronic obstructive pulmonary disease (COPD)	Not applicable	Not applicable
Sub-chronic to mouth	Not applicable	Not applicable	Not applicable
Sub-chronic on skin*	Possible contact dermatitis	Not applicable	Not applicable
Sub-chronic inhalation*	Possible chronic obstructive pulmonary disease (COPD)	Not applicable	Not applicable
Chronic to mouth	Not applicable	Not applicable	Not applicable
Chronic on skin*	Possible contact dermatitis	Not applicable	Not applicable
Chronic inhalation*	Possible chronic obstructive pulmonary disease (COPD), asthma, pulmon. edema	Not applicable	Not applicable
Aspiration hazards:		No danger since it is not used as aerosol	
Probable exposure ways:		Not applicable	
Symptoms referring to physical, chemical and toxic features			
	Swallowing:	Not applicable	
	Skin contact:	Not applicable	
	Inhalation:	Not applicable	
	Eye contact:	Not applicable	
Delayed current effects, as well as chronic effects due to short and extended exposure:		Not applicable	
Interaction effects:		Not applicable	
Lack of certain information:		Not applicable	
Information on mixture in the reference to its ingredients information:		Not applicable	
Other information:		Not applicable	
SECTION 12. ECOLOGICAL INFORMATION			
12.1. Toxicity			

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Acute toxicity	Dose	Exposure time	Organism	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	Not applicable	Not applicable	Not applicable	Product not hazardous for environment
Crabs (Daphnia)	EC ₅₀	48 hours	Not applicable	Not applicable	Not applicable	
Algae/water plants	IC ₅₀	72 hours	Not applicable	Not applicable	Not applicable	
Other organisms			Not applicable	Not applicable	Not applicable	
Chronic toxicity	Dose	Exposure time	Organism	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	Not applicable	Not applicable	Not applicable	Product not hazardous for environment
Crabs (Daphnia)	EC ₅₀	48 hours	Not applicable	Not applicable	Not applicable	Product not hazardous for environment
Algae/water plants	IC ₅₀	72 hours	Not applicable	Not applicable	Not applicable	Product not hazardous for environment
Other organisms			Not applicable	Not applicable	Not applicable	Product not hazardous for environment

12.2. Persistence and degradability						
Abiotic degradability						
	Half-degradability time	Method	Evaluation	Note		
Sea water	Not applicable	Not applicable	Not applicable	Not relevant since this is inorganic material.		
Fresh water	Not applicable	Not applicable	Not applicable			
Air	Not applicable	Not applicable	Not applicable			
Soil	Not applicable	Not applicable	Not applicable			
Physical and photo-chemical elimination						
Not relevant since this is inorganic material. After hardening, product does not have any toxic risk.						
Biodegradability:						
% degradation	Time (days)	Method	Evaluation	Note		
Not applicable	Not applicable	Not applicable	Not applicable	Not relevant since this is inorganic material.		
12.3. Bioaccumulative potential:						
Partition coefficient: n-octanol/water (log Pow)						

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Value	Concentration	pH	°C	Method	Evaluation	Note
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Bioconcentration factor (BCF)						
Value	Organism	Method		Evaluation	Note	
Not applicable	Not applicable	Not applicable		Not applicable	Not applicable	
Chronic eco-toxicity						
Value	Dose	Exposure time	Organism	Method	Evaluation	Note
Chronic toxicity in fish	LC ₅₀	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Chronic toxicity in crabs (Daphnia)	EC ₅₀	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
12.4. Mobility in soil						
Known or anticipated partition in environment:						
Not relevant						
Surface pressure:						
Value	°C	Concentration	Method		Note	
Not applicable	Not applicable	Not applicable	Not applicable		Not applicable	
Adsorption/desorption						
Transport	A/D coefficient Henry's constant	log Pow	Evaporation	Method		Note
soil-water	Not applicable	Not applicable	Not applicable	Not applicable		Not applicable
Water-air	Not applicable	Not applicable	Not applicable	Not applicable		Not applicable
Soil-air	Not applicable	Not applicable	Not applicable	Not applicable		Not applicable
12.5. Results of PBT and vPvB assessment						
Not applicable						
12.6. Other adverse effects						
Not applicable						
SECTION 13. DISPOSAL CONSIDERATIONS						
13.1. Waste treatment methods						
13.1.1. Disposal of unused chemical/contaminated packaging:						
Disposal should be in line with official local and national regulations.						
13.1.2. Waste labeling according to waste catalogue:						
Material residues: 17 09 04 (mixed waste from construction and demolition other than those listed in 17 09 01, 17 09 02 and 17 09 03); Packaging residues: 15 01 01 (paper and cardboard packaging)						

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13.1.3.	Waste treatment forms:
	Not applicable
13.1.4.	Possibility of disposal to sewage:
	Do not dispose to sewage, waste waters and water courses etc.
13.1.5.	Other recommendations for disposal:
	Not applicable
13.1.6.	Regulations for waste management:
	Law on waste management ("Official Gazette of the Republic of Srpska", number 111/13 and 106/15), Rulebook on waste categories, tests and classification ("Official Gazette of the Republic of Srpska", no. 19/15).

SECTION 14. TRANSPORT INFORMATION

Road transport (ADR)

UN number:	Goods not hazardous based on this regulation
UN proper shipping name:	Not applicable
Transport hazard class:	Not applicable
Packaging group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user:	Not applicable

Railway transport (RID)

UN number:	Goods not hazardous based on this regulation
UN proper shipping name:	Not applicable
Transport hazard class:	Not applicable
Packaging group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user:	Not applicable

Inland waterways transport (ADN)

UN number:	Goods not hazardous based on this regulation
UN proper shipping name:	Not applicable
Transport hazard class:	Not applicable
Packaging group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user:	Not applicable

Seaways transport (IMDG)

UN number:	Goods not hazardous based on this regulation
UN proper shipping name:	Not applicable
Transport hazard class:	Not applicable

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Packaging group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user:	Not applicable
Transport in loose state (MARPOL73/78 and IBC code):	Not applicable
Airways transport (ICAO-TI/IATA-DGR)	
UN number:	Goods not hazardous based on this regulation
UN proper shipping name:	Not applicable
Transport hazard class:	Not applicable
Packaging group:	Not applicable
Special precautions for user:	Not applicable
Additional information:	Not applicable

SECTION 15. REGULATORY INFORMATION

15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture	
	Applicable regulations in the Republic of Srpska:	Law on chemicals (RS Off. Gaz. no. 25/09), Rulebook on classification, packaging and labeling of chemicals and certain products (RS Off. Gaz. no.50/10), Rulebook on contents of the Material Safety Data Sheet (RS Off. Gaz. no. 104/13), Law on waste management (RS Off. Gaz. no. 111/13 and 106/15), Rulebook on waste categories, tests and classification (RS Off. Gaz. no. 19/15).
	Authorization and/or limitations in application	
	Authorizations:	Not applicable
	Limitations:	Not applicable
	Substance causing concern:	Product does not contain substances causing concern.
	Other applicable regulations	Not applicable
	Information on emissions of volatile organic compounds (VOC):	Not relevant
15.2.	Chemical safety assessment	Chemical safety assessment not performed.

SECTION 16. OTHER INFORMATION

Changes report:	Changes in comparison to previous version.
Abbreviations and acronyms:	Not applicable
Basic literature and information sources:	Material Safety Data Sheet of raw materials, European Chemicals Agency, Report on product testing in certified laboratory
Classification and procedures used for classification of mixture according to CLP/GHS system	
Classification according to CLP/GHS system	Classification procedure
Skin irrit. 2	Classification procedure pursuant to procedures described in

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Trade name:	KERAFIX Z	BTL.C.32.03
Product code:	Production date: March 28, 2017	Version no: 03

Skin sens. 1 Eye dam. 1 STOT SE 3	the Rulebook on classification, packaging and labeling of chemicals and certain products (RS Off. Gaz. no.50/10)	
Relevant R, H, S and P signs (number and full text)		
R	37/38	Irritating to respiratory system and skin
R	41	Risk of serious damage to eyes
R	43	May cause sensitisation by skin contact
H	315	Causes skin irritation
H	317	May cause an allergic skin reaction.
H	318	Causes serious eye damage
H	335	May cause respiratory irritation
P	102	Keep out of reach of children.
P	280	Wear protective gloves/protective clothing/eye protection/face protection
P	302+P352	IF ON SKIN: Wash with plenty of soap and water
P	304+P340	IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing
P	305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P	310	Immediately call a POISON CENTER or doctor/physician
P	333+P313	If skin irritation or rash occurs: Get medical advice/attention
P	501	Disposal of contents /container in accordance with local/ national/ regional/international regulations
Advice for training:		Not applicable
Additional information:		Information provided in this MSDS is a result of our best current knowledge. This information should serve as guidance in application, use, storage, transport and disposal hence should not be considered as quality guarantee. Information refers to this product only and could not be used in combination with other materials and processes unless otherwise specified in the text. It is product user's responsibility to obey local legislative.