

Revision Date: 26.07.2024 Date of last issue: 09.07.2024 Version 1.1

Print Date 26.07.2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name

: Sikafloor®-500

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use : Cement / Mortar

1.3 Details of the supplier of the safety data sheet

Company name of supplier	: Sika Poland Spółka z o.o.
	Karczunkowska 89
	02-871 Warszawa
Telephone	: +48 22 27 28 700
Telefax	: +48 22 27 28 800
E-mail address of person	: EHS@pl.sika.com
responsible for the SDS	

1.4 Emergency telephone number

112

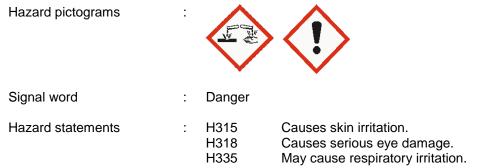
SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)			
Skin irritation, Category 2	H315: Causes skin irritation.		
Serious eye damage, Category 1	H318: Causes serious eye damage.		
Specific target organ toxicity - single exposure, Category 3, Respiratory system	H335: May cause respiratory irritation.		

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)





Revision Date: 26.07.2024 Date of last issue: 09.07.2024	Ve	ersion 1.1	Print Date 26.07.2024
Precautionary statements :	P101	If medical advice is needed, hav container or label at hand.	re product
	P102	Keep out of reach of children.	
	Prevention:		
	P271	Use only outdoors or in a well-ve	entilated ar-
	P280	Wear protective gloves/ eye proprotection.	tection/ face
	Response:		
	P305 + P351 + F	P338 + P310 IF IN EYES: Rinse with water for several minutes. F tact lenses, if present and easy tinue rinsing. Immediately call a CENTER/ doctor.	Remove con- to do. Con-
	Disposal:		
	P501	Dispose of contents/container in with local regulation.	accordance

Hazardous components which must be listed on the label:

Cement (chromium reduced)

SAFETY DATA SHEET

2.3 Other hazards

The content of soluble Chromium (VI) is not greater than 0,0002% in accordance with Annex XVII, Paragraph 47 of the EU Regulation 1907/2006. The product reacts highly alkaline with water.

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.



Revision Date: 26.07.2024 Date of last issue: 09.07.2024 Version 1.1

Print Date 26.07.2024

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

oomponents			
Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Registration number		
Cement (chromium reduced)	65997-15-1	Skin Irrit. 2; H315	>= 60 - < 80
	266-043-4	Eye Dam. 1; H318	
		STOT SE 3; H335	
		(Respiratory system)	
calcium dihydroxide	1305-62-0	Skin Irrit. 2; H315	>= 1 - < 2,5
	215-137-3	Eye Dam. 1; H318	
	01-2119475151-45-	STOT SE 3; H335	
	XXXX	(Respiratory system)	
Substances with a workplace expos	sure limit :		
Quartz (SiO2)	14808-60-7		>= 25 - < 40
	238-878-4		

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	:	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	:	Move to fresh air. Consult a physician after significant exposure.
In case of skin contact	:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.
In case of eye contact	:	Small amounts splashed into eyes can cause irreversible tis- sue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing.
If swallowed	:	Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.



Revision Date: 26.07.2024 Version 1.1 Date of last issue: 09.07.2024

Print Date 26.07.2024

4.2 Most important symptoms and effects, both acute and delayed

•	
Symptoms	: Cough
, , , , , , , , , , , , , , , , , , ,	Respiratory disorder
	Excessive lachrymation
	Erythema
	Dermatitis
	See Section 11 for more detailed information on health effects
	and symptoms.
Risks	: Causes skin irritation.
	Causes serious eye damage.
	May cause respiratory irritation.
	way badde roophatery initiation.
	irritant effects
4.3 Indication of any	immediate medical attention and special treatment needed
Treatment	: Treat symptomatically.
reathent	. I foat symptomatioally.

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable extinguishing media :	In case of fire, use water/water spray/water jet/carbon diox- ide/sand/foam/alcohol resistant foam/chemical powder for extinction.
5.2 Special hazards arising from the	e substance or mixture
Hazardous combustion prod- : ucts	No hazardous combustion products are known
5.3 Advice for firefighters	
Special protective equipment : for firefighters	In the event of fire, wear self-contained breathing apparatus.
Further information :	Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protectiv	e equipment and emergency procedures
Personal precautions :	Use personal protective equipment. Avoid breathing dust. Deny access to unprotected persons.
6.2 Environmental precautions	
Environmental precautions :	Try to prevent the material from entering drains or water courses.

Sikafloor®-500



Revision Date: 26.07.2024	Version 1.1	Print Date 26.07.2024
Date of last issue: 09.07.2024		

No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up

: Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Advice on safe handling Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products Advice on protection against : Avoid dust formation. Provide appropriate exhaust ventilation fire and explosion at places where dust is formed. Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday. 7.2 Conditions for safe storage, including any incompatibilities Requirements for storage Keep container tightly closed in a dry and well-ventilated areas and containers place. Store in accordance with local regulations. Further information on stor-: Keep in a dry place. age stability No decomposition if stored and applied as directed. 7.3 Specific end use(s) Specific use(s) Consult most current local Product Data Sheet prior to any use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form	Control parame-	Basis *
------------	---------	------------------	-----------------	---------



Revision Date: 26.07.2024 Date of last issue: 09.07.2024

Version 1.1

Print Date 26.07.2024

		of exposure)	ters *				
Cement (chromium reduced)	65997-15-1	NDS (inhalable	6 mg/m3	PL OEL			
		fraction)	- J	-			
		NDS (respirable	2 mg/m3	PL OEL			
		fraction)					
Quartz (SiO2)	14808-60-7	NDS (respirable	1 mg/m3	PL OEL			
		fraction)	_				
	Further inform	nation: Respirable fra	action - the fract	ion of aerosol			
		es into the respirator					
		the deposit in the are					
		e with standard PN-E		U <i>i</i>			
		NDS (inhalable	2 mg/m3	PL OEL			
		fraction)					
	Further inforr	Further information: Inhalable fraction - the fraction of aerosol					
	penetrating t	penetrating through the nose and mouth, which after deposit in					
		the respiratory tract poses a threat to health, determined in ac-					
		cordance with standard PN-EN 481.					
		NDS (respirable	0,1 mg/m3	PL OEL			
		fraction)	(Silica)				
calcium dihydroxide	1305-62-0	TWA (Respirable	1 mg/m3	2017/164/EU			
		fraction)	g ,e				
	Further inforr	nation: Indicative	I				
		STEL (Respirable	4 mg/m3	2017/164/EU			
		fraction)					
		NDS (inhalable	2 mg/m3	PL OEL			
		fraction)	5				
		NDS (respirable	1 mg/m3	PL OEL			
		fraction)					
		NDSch (inhalable	6 mg/m3	PL OEL			
		fraction)	-				
		NDSch (respirable	4 mg/m3	PL OEL			
		fraction)					

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

8.2 Exposure controls

Engineering measures

Maintain air concentrations below occupational exposure standards. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection :		Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water
Hand protection	:	Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.
		Recommended: Butyl rubber/nitrile rubber gloves. Contaminated gloves should be removed.



Sikafloor®-500

Revision Date: 26.07.2024 Date of last issue: 09.07.2024	Version 1.1	Print Date 26.07.2024
Skin and body protection	: Dust impervious protective suit Protective clothing (e.g. Safety shoes a long-sleeved working clothing, long trou and protective boots are additionaly rec and stirring work.	users). Rubber aprons
Respiratory protection	 In case of inadequate ventilation wear r Respirator selection must be based on exposure levels, the hazards of the pro- ing limits of the selected respirator. particulate filter P P1: Inert material; P2, P3: hazardous se Ensure adequate ventilation. This can be exhaust extraction or by general ventila ods for determining inhalation exposure ticular to the mixing / stirring area. In can to keep the concentrations under the oc- limits then respiration protection measure 	known or anticipated duct and the safe work- ubstances be achieved by local ation. (EN 689 - Meth- e). This applies in par- ase this is not sufficent ccupational exposure
Environmental exposure con	trols	
General advice	: Try to prevent the material from entering courses. No special environmental precautions re-	-

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

intermation on basic physical	un	a onennoar properti
Physical state	:	solid
Appearance	:	powder
Colour	:	grey
Odour	:	odourless
Melting point/ range / Freez- ing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)	:	No data available
Upper/lower flammability or (exp	losive limits
Upper explosion limit / Up- per flammability limit	•	
Lower explosion limit /	:	No data available



Revision Date: 26.07.2024 Date of last issue: 09.07.2024		Version 1.1	Print Date 26.07.2024
Lower flammability limit			
Flash point	:	Not applicable	
Auto-ignition temperature	:	No data available	
Decomposition temperature	:	No data available	
рН	:	> 11 Concentration: 50 %	
Viscosity			
Viscosity, dynamic	:	Not applicable	
Viscosity, kinematic	:	Not applicable	
Solubility(ies)			
Water solubility	:	No data available	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	No data available	
Density	:	ca. 1.400 kg/m3	
Relative vapour density	÷	No data available	
Particle characteristics	:	No data available	

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

Sikafloor®-500



Revision Date: 26.07.2024 Date of last issue: 09.07.2024	Version 1.1	Print Date 26.07.2024
10.2 Chemical stability		
The product is chemically stable.		
10.3 Possibility of hazardous reaction	ons	
Hazardous reactions :	No hazards to be specially mentioned.	
10.4 Conditions to avoid		
Conditions to avoid :	No data available	
10.5 Incompatible materials		
Materials to avoid :	No data available	
10.6 Hazardous decomposition proc	lucts	
:	No hazardous decomposition products are kno	own.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Not classified due to lack of data.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Skin sensitisation

Not classified due to lack of data.

Respiratory sensitisation

Not classified due to lack of data.

Germ cell mutagenicity

Not classified due to lack of data.

Carcinogenicity

Not classified due to lack of data.

Reproductive toxicity

Not classified due to lack of data.

STOT - single exposure

May cause respiratory irritation.

Sikafloor®-500



Revision Date: 26.07.2024 Date of last issue: 09.07.2024 Version 1.1

Print Date 26.07.2024

STOT - repeated exposure

Not classified due to lack of data.

Aspiration toxicity

Not classified due to lack of data.

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

12.6 Endocrine disrupting properties

Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Sikafloor®-500



Revision Date: 26.07.2024	Version 1.1	Print Date 26.07.2024
Date of last issue: 09.07.2024		

12.7 Other adverse effects

Product:

Additional ecological infor- : There is no data available for this product. mation

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

The generation of waste should be avoided or minimized wherever possible.
Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.
Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.
Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional

local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.2 UN proper shipping name		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.3 Transport hazard class(es)		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.4 Packing group		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
Country PL 00000720327		

14.1 UN number or ID number

Sikafloor®-500



Revision Date: 26.07.2024 Date of last issue: 09.07.2024	Versio	n 1.1	Print Date 26.07.2024
IATA (Cargo)	: Not regulated as a d	angerous good	
IATA (Passenger)	: Not regulated as a d		
14.5 Environmental hazards			
Not regulated as a dangerou	is good		
14.6 Special precautions for us Not applicable	er		
14.7 Maritime transport in bulk Not applicable for product as	-	nents	
SECTION 15: Regulatory info 15.1 Safety, health and environ International Chemical Wear Schedules of Toxic Chemica	mental regulations/legis	ation specific for t : Not applicab	
REACH Information:	All substances conta - registered by our u - registered by us, a - excluded from the - exempted from the	pstream suppliers, a nd/or regulation, and/or	
REACH - Restrictions on the the market and use of certain mixtures and articles (Annex	n dangerous substances,		f restriction for the fol- s should be considered: ist 75:
REACH - Candidate List of S Concern for Authorisation (A	, ,	: None of the (=> 0.1 %).	components are listed
REACH - List of substances (Annex XIV)	subject to authorisation	: Not applicab	le
Regulation (EC) on substand layer	ces that deplete the ozone	: Not applicab	le
Regulation (EU) 2019/1021 (tants (recast)	on persistent organic pollu	- : Not applicab	le
Regulation (EU) No 649/201 ment and the Council conce of dangerous chemicals		: Not applicab t	le



2024

Sikafloor[®]-500

Revision Date: 26.07.2024	Version 1.1	Print Date 26.07.2
Date of last issue: 09.07.2024		

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. Not applicable

Volatile organic compounds : Law on the incentive tax for volatile organic compounds (VOCV) no VOC duties

> Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Not applicable

Other regulations:

Act of February 25, 2011 on chemical substances and their mixtures (i.e. Journal of Laws of 2020, item 2289)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Official Journal of the European Union L 353 from 31.12.2008) with further adaptation to technical progress (ATP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Union L 396 from 30.12.2006, as amended).

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Ordinance of the Minister of Family, Labour and Social Policy of 12 June 2018 concerning the highest allowable concentrations and levels of the agents harmful for health in the workplace (Dz.U 2018 pos 1286, with later amendments).

Ordinance of the Minister of Health of 2nd February 2011 concerning tests and measurement of agents harmful for health in the workplace (Dz. U. Nr. 33, item 166 with later amendments).

Ordinance of the Minister of Health of 30th December 2004 on the health and safety of workers related to chemical agents at work (consolidated text, Journal of Laws 2016 no. 0 item 1488)

Act of 14 December 2012. on Waste (Journal of Laws of 2013. pos. 21, as amended).

Act of 13 June 2013. On packaging and packaging waste (Journal. U. of 2013. Item. 888, as amended).



Revision Date: 26.07.2024 Date of last issue: 09.07.2024

Version 1.1

Print Date 26.07.2024

10).

Ordinance of the Minister of Environment on the requirements for carrying out the process of thermal treatment of waste and how to deal with waste produced in the process. (Dz. U. of 2016., Pos. 108)

Act of 19 August 2011 on transport of dangerous goods (Dz. U. Nr. 227, item 1367, as amended).

Government Statement of February 15, 2021 on the entry into force of amendments to Annexes A and B to Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), drawn up in Geneva on September 30, 1957 (Journal of Laws 202 poz.874 as amended)

Act of July 29, 2005 on drug addiction prevention (Journal of Laws of 2005, No. 179, item 1485, with later amendments)

Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

Full text of H-Statements H315 H318 H335	:	Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.
Full text of other abbreviation	ons	
Eye Dam. Skin Irrit. STOT SE 2017/164/EU	:	Serious eye damage Skin irritation Specific target organ toxicity - single exposure Europe. Commission Directive 2017/164/EU establishing a fourth list of indicative occupational exposure limit values
PL OEL	:	Ordinance of the Minister of Family, Labour and Social Policy of 12 June 2018 concerning the highest allowable concentra- tions and levels of the agents harmful for health in the work- place (Dz.U 2018 pos 1286, with later amendments)
2017/164/EU / STEL		Short term exposure limit
2017/164/EU / TWA	:	Limit Value - eight hours
PL OEL / NDS	:	Maximal Admissible Concentration
PL OEL / NDSch	:	Maximal Admissible Temporary Concentration
ADR	:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	:	Chemical Abstracts Service
DNEL	:	Derived no-effect level
EC50	:	Half maximal effective concentration

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

Sikafloor®-500



Revision Date: 26.07.2024 Date of last issue: 09.07.2024		Version 1.1	Print Date 26.07.2024
GHS	:	Globally Harmonized System	
IATA	:	International Air Transport Association	
IMDG	:	International Maritime Code for Dangerous (Goods
LD50	:	Median lethal dosis (the amount of a materia once, which causes the death of 50% (one h test animals)	
LC50	:	Median lethal concentration (concentrations air that kills 50% of the test animals during the period)	
MARPOL	:	International Convention for the Prevention of Ships, 1973 as modified by the Protocol of 1	
OEL	:	Occupational Exposure Limit	
PBT	:	Persistent, bioaccumulative and toxic	
PNEC	:	Predicted no effect concentration	
REACH	:	Regulation (EC) No 1907/2006 of the Europe and of the Council of 18 December 2006 con istration, Evaluation, Authorisation and Rest cals (REACH), establishing a European Che	ncerning the Reg- riction of Chemi-
SVHC	:	Substances of Very High Concern	C
vPvB	:	Very persistent and very bioaccumulative	

Further information

Classification of the r	nixture:	Classification procedure:
Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method
STOT SE 3	H335	Calculation method

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

PL/EN