

Version 1.0

Print Date 03.09.2024

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

1.1 Product identifier

Trade name : PCI Flexfug®

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

Product use : Joint 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)

Hazard pictograms	:	L B	
Signal word	:	Danger	
Hazard statements	:	H315 H318 H335	Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.



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Precautionary statements :	P101	If medical advice is needed, have container or label at hand.	ve product
	P102	Keep out of reach of children.	
	Prevention:		
	P271	Use only outdoors or in a well-v ea.	ventilated ar-
	P280	Wear protective gloves/ eye pro protection.	otection/ face
	Response:		
	P305 + P351 +	P338 + P310 IF IN EYES: Rins with water for several minutes. 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.	n accordance

Hazardous components which must be listed on the label:

Cement (chromium reduced)

2.3 Other hazards

PCI Flexfug®

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.



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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

oomponenta				
Chemical name	CAS-No.	Classification	Concentration	
	EC-No.		(% w/w)	
	Registration number			
Cement (chromium reduced)	65997-15-1	Skin Irrit. 2; H315	>= 25 - < 40	
	266-043-4	Eye Dam. 1; H318		
		STOT SE 3; H335		
		(Respiratory system)		
Substances with a workplace exposure limit :				
Quartz (SiO2)	14808-60-7		>= 60 - < 80	
	238-878-4			

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

G	General advice	:	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
lf	inhaled	:	Move to fresh air. Consult a physician after significant exposure.
Ir	n 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.
Ir	n 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.
lf	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.
4.2 M	ost important symptoms an	d e	ffects, both acute and delayed
S	Symptoms	:	Cough Respiratory disorder



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	Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed informati and symptoms	ion on health effects
:	Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.	
	irritant effects	
ite med	lical attention and special treatment nee	ded
:	Treat symptomatically.	
ла :	ide/sand/foam/alcohol resistant foam/chen extinction.	
om the	substance or mixture	
od- :	No hazardous combustion products are kr	nown
ent :	In the event of fire, wear self-contained bre	eathing apparatus.
ent : :	In the event of fire, wear self-contained brockstandard procedure for chemical fires.	eathing apparatus.
	: dia : om the	 Erythema Dermatitis See Section 11 for more detailed informati and symptoms. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. irritant effects atte medical attention and special treatment nee : Treat symptomatically.

Personal precautions	:	Use personal protective equipment. Avoid breathing dust. Deny access to unprotected persons.
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6.2 Environmental precautions

Environmental precautions	:	Try to prevent the material from entering drains or water
		courses.
		No special environmental precautions required.



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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 : fire and explosion	Avoid dust formation. Provide appropriate exhaust ventilation 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, inc	luding any incompatibilities
Requirements for storage : areas and containers	Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.

	areas and containers		place. Store in accordance with local regulations.
	Further information on stor- age stability	:	Keep in a dry place. No decomposition if stored and applied as directed.
	Recommended storage tem- perature	:	> -15 - < 40 °C
7.3	Specific end use(s)		
	Specific use(s)	:	Consult most current local Product Data Sheet prior to any

SECTION 8: Exposure controls/personal protection

use.

8.1 Control parameters

Occupational Exposure Limits

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878 PCI Flexfug®



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Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
Quartz (SiO2)	14808-60-7	NDS (respirable fraction)	1 mg/m3	PL OEL
		ation: Respirable fra		
	that penetrates	s into the respiratory	/ tract, which pose	es a threat to
		ne deposit in the are		e, determined
	in accordance	with standard PN-E	N 481.	
		NDS (inhalable fraction)	2 mg/m3	PL OEL
		ation: Inhalable frac ough the nose and		
	the respiratory	tract poses a threa	t to health, determ	nined in ac-
	cordance with	standard PN-EN 48	81.	
		NDS (respirable fraction)	0,1 mg/m3 (Silica)	PL OEL
Cement (chromium reduced)	65997-15-1	NDS (inhalable fraction)	6 mg/m3	PL OEL
		NDS (respirable fraction)	2 mg/m3	PL OEL

*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 equipmen	t
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.
Skin and body protection :	Dust impervious protective suit Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionaly recommended for mixing and stirring work.
Respiratory protection :	In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe work- ing limits of the selected respirator. particulate filter P P1: Inert material; P2, P3: hazardous substances



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	Ensure adequate ventilation. This can	be achieved by local
	exhaust extraction or by general ventile	ation (EN 680 - Moth-

Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

Environmental exposure controls		
General advice	 Try to prevent the material from entering drains or water courses. No special environmental precautions required. 	

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

information on basic physical	all	
Physical state Appearance Colour	:	solid powder 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 e	∍xp	losive limits
Upper explosion limit / Up- per flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	Not applicable
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
рН	:	> 11

SAFETY DATA SHEET

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

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	Concentration: 50 %	
Viscosity		
Viscosity, dynamic	: Not applicable	
Viscosity, kinematic	: Not applicable	
Solubility(ies)		
Water solubility	: dispersible	
Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: No data available	
Density	: ca. 1,45 g/cm3	
Bulk density	: ca. 1.800 - 2.400 kg/m3	
Relative vapour density	: No data available	
Particle characteristics	: No data available	
9.2 Other information		
Explosives	: Not explosive	

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

10.4 Conditions to avoid

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Conditions to avoid	:	No data available	
10.5 Incompatible materials Materials to avoid	:	No data available	
10.6 Hazardous decomposition products			
		No hazardous decomposition products are know	n.

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.

STOT - repeated exposure

Not classified due to lack of data.

Aspiration toxicity

Not classified due to lack of data.



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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.

12.7 Other adverse effects

Product:

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



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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

14.1 UN number or ID number

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
IATA (Cargo)	:	Not regulated as a dangerous good
IATA (Passenger)	:	Not regulated as a dangerous good
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14.5 Environmental hazards

Not regulated as a dangerous good

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14.6 Special precautions for us Not applicable	ser		
14.7 Maritime transport in bulk Not applicable for product as	-	nents	5
SECTION 15: Regulatory inf	ormation		
		ation	specific for the substance or mixture
International Chemical Wea Schedules of Toxic Chemica		:	Not applicable
REACH Information:	All substances conta - registered by our up - registered by us, an - excluded from the r - exempted from the	ostrea nd/or egula	am suppliers, and/or ation, and/or
REACH - Restrictions on the the market and use of certain mixtures and articles (Annex	in dangerous substances,	:	Conditions of restriction for the fol- lowing entries should be considered: Number on list 75:
REACH - Candidate List of Concern for Authorisation (A		:	None of the components are listed (=> 0.1 %).
REACH - List of substances (Annex XIV)	subject to authorisation	:	Not applicable
Regulation (EC) on substan layer	ces that deplete the ozone	:	Not applicable
Regulation (EU) 2019/1021 tants (recast)	on persistent organic pollu-	:	Not applicable
Regulation (EU) No 649/201 ment and the Council conce of dangerous chemicals	•	:	Not applicable
Seveso III: Directive 2012/1	8/EU of the European Parlia	amen	t and of the Council on the control of ma-

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

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Volatile organic compounds	Law on the incentive tax for volatile organic (VOCV) no VOC duties	compounds
	Directive 2010/75/EU of 24 November 2010 emissions (integrated pollution prevention a 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).

Ordinance of the Minister of Climate of 2nd January 2020 on Waste Catalog (Dz. U. 2020 item 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)



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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

	Full text of H-Statements		
	H315	:	Causes skin irritation.
	H318	:	Causes serious eye damage.
	H335	:	May cause respiratory irritation.
	Full text of other abbreviation	ns	
	Eye Dam.	:	Serious eye damage
	Skin Irrit.	:	Skin irritation
	STOT SE	:	Specific target organ toxicity - single exposure
	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)
	PL OEL / NDS	:	Maximal Admissible 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
	GHS	:	Globally Harmonized System
	ΙΑΤΑ	:	International Air Transport Association
	IMDG	:	International Maritime Code for Dangerous Goods
	LD50	:	Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)
	LC50	:	Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)
	MARPOL	:	International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978
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according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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OEL PBT PNEC REACH	 Occupational Exposure Limit Persistent, bioaccumulative and toxic Predicted no effect concentration Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Reg- istration, Evaluation, Authorisation and Restriction of Chemi- cals (REACH), establishing a European Chemicals Agency Substances of Very High Concern Very persistent and very bioaccumulative 	
SVHC vPvB		

Further information

ure:

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