

Revision Date: 09.07.2024 Date of last issue: - Version 1.0

Print Date 09.07.2024

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

1.1 Product identifier

Trade name : PCI Repaflow®

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

Product use : Grouting 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.

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

PCI Repaflow®



Revision Date: 09.07.2024 Date of last issue: -	Version 1.0		Print Date 09.07.2024
Precautionary statements :	P101	If medical advice is needed, ha	ve product
	P102	container or label at hand. Keep out of reach of children.	
	Prevention:		
	P271	Use only outdoors or in a well-v ea.	rentilated 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)

Additional Labelling

EUH208 Contains calcium aluminate sulfate. May produce an allergic reaction.

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: 09.07.2024 Date of last issue: - Version 1.0

Print Date 09.07.2024

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

OAO NI-				
CAS-No.	Classification	Concentration		
EC-No.		(% w/w)		
Registration number				
65997-15-1	Skin Irrit. 2; H315	>= 40 - < 60		
266-043-4	Eye Dam. 1; H318			
	STOT SE 3; H335			
	(Respiratory system)			
12005-25-3	Skin Sens. 1; H317	>= 0,1 - < 0,5		
Not Assigned				
-				
Substances with a workplace exposure limit :				
14808-60-7		>= 40 - < 60		
238-878-4				
;	EC-No. Registration number 65997-15-1 266-043-4 12005-25-3 Not Assigned ure limit : 14808-60-7	EC-No. Registration number 65997-15-1 Skin Irrit. 2; H315 266-043-4 Eye Dam. 1; H318 STOT SE 3; H335 (Respiratory system) 12005-25-3 Skin Sens. 1; H317 Not Assigned Skin Sens. 1; H317		

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: 09.07.2024Version 1.0Print Date 09.07.2024Date of last issue: -

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.
		irritant effects
4.3 Indication of any immediate	mec	dical attention and special treatment needed
Treatment	:	Treat symptomatically.

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	he	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, protective 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.				



Revision Date: 09.07.2024	Version 1.0	Print Date 09.07.2024
Date of last issue: -		

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 *
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SAFETY DATA SHEET

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



PCI Repaflow®

Revision Date: 09.07.2024 Date of last issue: - Version 1.0

Print Date 09.07.2024

		of exposure)	ters *			
Quartz (SiO2)	14808-60-7	NDS (respirable	1 mg/m3	PL OEL		
		fraction)				
	Further inform	Further information: Respirable fraction - the fraction of aerosol				
	that penetrate	s into the respirator	y tract, which pose	es a threat to		
	the health of t	he deposit in the are	ea of gas exchang	e, determined		
	in accordance	with standard PN-I	EN 481.			
		NDS (inhalable 2 mg/m3 PL OEL				
		fraction)				
	Further inform	Further information: Inhalable fraction - the fraction of aerosol				
	penetrating th	penetrating through the nose and mouth, which after deposit in				
	the respirator	the respiratory tract poses a threat to health, determined in ac-				
	cordance with	cordance with standard PN-EN 481.				
		NDS (respirable	0,1 mg/m3	PL OEL		
		fraction)	(Silica)			
Cement (chromium reduced)	65997-15-1	NDS (inhalable	6 mg/m3	PL OEL		
		fraction)				
		NDS (respirable	2 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 ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu- facturer 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 Ensure adequate ventilation. This can be achieved by local		



Revision Date: 09.07.2024 Date of last issue: -	Version 1.0	Print Date 09.07.2024
	exhaust extraction or by general ventil ods for determining inhalation exposur ticular to the mixing / stirring area. In o to keep the concentrations under the o limits then respiration protection meas	re). This applies in par- case this is not sufficent occupational exposure
Environmental exposure	e controls	
General advice	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

	ic physical all	d chemical properties
Physical state Appearance Colour		solid powder grey
Odour	:	odourless
Melting point/ range ing point	e / Freez- :	No data available
Boiling point/boiling	range :	No data available
Flammability (solid,	gas) :	No data available
Upper/lower flamr	nability or exp	losive limits
••	n limit / Up- :	No data available
Lower explosior Lower flammabi		No data available
Flash point	:	Not applicable
Auto-ignition tempe	erature :	No data available
Decomposition tem	perature :	No data available
рН	:	> 11 Concentration: 50 %

SAFETY DATA SHEET

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

PCI Repaflow®



Revision Date: 09.07.2024 Date of last issue: -	Version 1.0	Print Date 09.07.2024
Viscosity		
Viscosity, dynamic	: Not applicable	
Viscosity, kinematic	: Not applicable	
Solubility(ies)		
Water solubility	: No data available	
Partition coefficient: n- octanol/water	: No data available	
octanol/water		
Vapour pressure	: No data available	
Density	: ca. 1,45 g/cm3 (20 °C)	
Density	. ca. 1,40 g/cm3 (20 C)	
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.

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

Conditions to avoid : No data available

10.5 Incompatible materials



Revision Date: 09.07.2024 Date of last issue: -

Version 1.0

Print Date 09.07.2024

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

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.

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.

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

PCI Repaflow[®]



Revision Date: 09.07.2024 Date of last issue: - Version 1.0

Print Date 09.07.2024

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
		levels of 0.1% or higher.

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.



Revision Date: 09.07.2024 Date of last issue: - Version 1.0

Print Date 09.07.2024

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	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	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
14.5	5 Environmental hazards		
	Not regulated as a dangerous	goo	bd
14.6	Special precautions for user	r	
	Not applicable		

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SAFETY DATA SHEET

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

PCI Repaflow®



Revision Date: 09.07.2024 Date of last issue: -	Version	1.0		Print Date 09.07.2024
International Chemical Weapons Schedules of Toxic Chemicals an		:	Not applicable	
REACH Information:	All substances contain - registered by our ups - registered by us, and - excluded from the re - exempted from the re	strea I/or gula	am suppliers, and/or ation, and/or	
REACH - Restrictions on the mar the market and use of certain dar mixtures and articles (Annex XVII	ngerous substances,	:	Not applicable	
REACH - Candidate List of Subst Concern for Authorisation (Article		:	None of the compone (=> 0.1 %).	nts are listed
REACH - List of substances subje (Annex XIV)	ect to authorisation	:	Not applicable	
Regulation (EC) on substances th layer	nat deplete the ozone	:	Not applicable	
Regulation (EU) 2019/1021 on pet tants (recast)	ersistent organic pollu-	:	Not applicable	
Regulation (EU) No 649/2012 of t ment and the Council concerning of dangerous chemicals		:	Not applicable	
Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the cor jor-accident hazards involving dangerous substances. Not applicable				the control of ma-
Volatile organic compounds :	Law on the incentive ta (VOCV) no VOC duties	ax fo	or volatile organic comp	oounds
	emissions (integrated	pollu	4 November 2010 on in ution prevention and co ds (VOC) content: < 0,0	ntrol)

Other regulations:

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

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



Print Date 09.07.2024

Revision Date: 09.07.2024 Date of last issue: -

PCI Repaflow[®]

Version 1.0

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, 93/105/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).

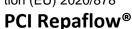
Ordinance of the Minister of Environment on the requirements for carrying out the process of thermal treatment of waste and how to deal with waste produced in the process. (Dz. U. of 2016., Pos. 108)

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)

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





Revision Date: 09.07.2024 Date of last issue: - Version 1.0

Print Date 09.07.2024

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	:	Causes skin irritation.
H317	÷	May cause an allergic skin reaction.
H318	÷	Causes serious eye damage.
H335		May cause respiratory irritation.
Full text of other abbreviation	ns	
		Corious aus domose
Eye Dam. Skin Irrit.	÷	Serious eye damage
	÷	Skin irritation
Skin Sens.	÷	Skin sensitisation
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
OEL	:	Occupational Exposure Limit
PBT	:	Persistent, bioaccumulative and toxic
PNEC	:	Predicted no effect concentration
REACH	:	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
SVHC	:	Substances of Very High Concern

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

PCI Repaflow®



Revision Date: 09.07.2024 Date of last issue: -	Version 1.0	Print Date 09.07.2024
vPvB	: Very persistent and very bioaccumulative	
Further information		
Classification of the mixture	: Classification proc	edure:

	-
H315	Calculation method
H318	Calculation method
H335	Calculation method
	H318

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