SAFETY DATA SHEET

Sikafloor® 20/21/29/31 PurCem Part D

Version 1.0

SDS Number: 000000609094



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	[:] Sikafloor [®] 20/21/29/31 PurCem Part D
Product code	: 00000609094
Type of product	: solid
Manufacturer or supplier's c	details
Company	: Sika (NZ) Ltd. 85-91 Patiki Road Avondale Auckland AKL 1026
Telephone	: +64 9 820 2900
Emergency telephone num- ber	: 0800 734 607
Telefax	: +64 9 828 4091
E-mail address	: info@nz.sika.com

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification					
: Category C					
: Category A					
. Outogory /					
9.1 Aquatic toxicity (Acute or Chronic) : Category D					
CUS label elemente					

GHS label elements

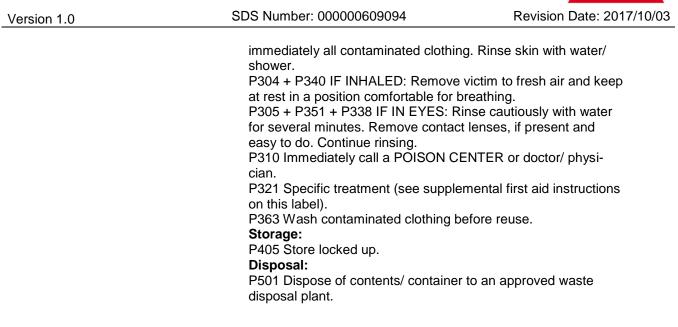
Hazard pictograms

Signal word

•	A DE
: 1	Danger
	H314 Cause H402 Harmfr
 	Prevention: P260 Do not P264 Wash P273 Avoid r P280 Wear p tion/ face pro

Hazard statements	H314 Causes severe skin burns and eye damage. H402 Harmful to aquatic life.
Precautionary statements	Prevention: P260 Do not breathe dust or mist. P264 Wash skin thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protec- tion/ face protection. Response: P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off

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Other hazards which do not result in classification

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

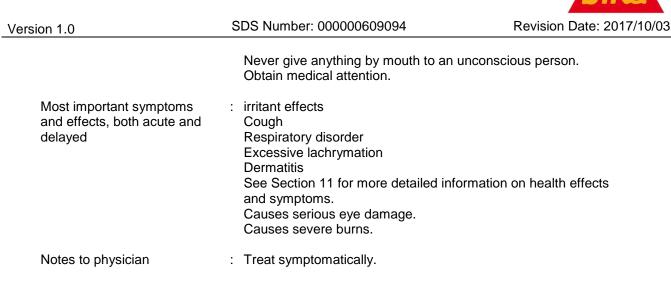
Hazardous components

Chemical name	CAS-No.	Concentration (%)
Cement (chromium reduced)	65997-15-1	>= 70 - < 90
calcium dihydroxide	1305-62-0	>= 1 - < 10
titanium dioxide	13463-67-7	>= 1 - < 10

SECTION 4. 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 tissue 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	: Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages.

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SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment.
Hazardous combustion prod- ucts	: No hazardous combustion products are known
Specific extinguishing meth- ods	: Standard procedure for chemical fires.
Special protective equipment for firefighters	: In the event of fire, wear self-contained breathing apparatus.

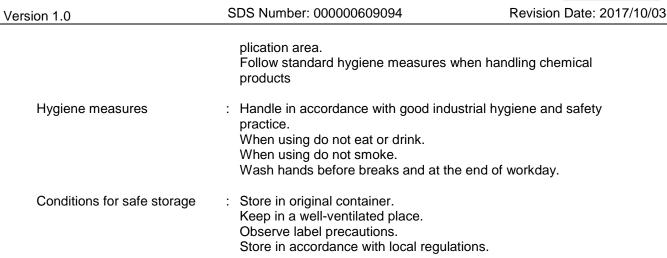
SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	 Use personal protective equipment. Avoid breathing dust. Deny access to unprotected persons.
Environmental precautions	: Try to prevent the material from entering drains or water courses.
Methods and materials for containment and cleaning up	: Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

 Advice on safe handling Do not breathe vapours/dust. 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 ap- 	Advice on protection against fire and explosion	:	Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.
	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.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type	Control parame-	Basis
		(Form of	ters / Permissible	
		exposure)	concentration	
Cement (chromium reduced)	65997-15-1	WES-TWA	10 mg/m3	NZ OEL
	Further inform	ation: The value	for inhalable dust con	ntaining no
	asbestos and	less than 1% fre	e silica.	
		TWA (Res-	1 mg/m3	ACGIH
		pirable frac-		
		tion)		
calcium dihydroxide	1305-62-0	WES-TWA	5 mg/m3	NZ OEL
		TWA	5 mg/m3	ACGIH
titanium dioxide	13463-67-7	WES-TWA	10 mg/m3	NZ OEL
		TWA	10 mg/m3	ACGIH
			(Titanium dioxide)	
		TWA	10 mg/m3	ACGIH
			(Titanium dioxide)	

Personal protective equipment

Respiratory protection	:	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. The filter class for the respirator must be suitable for the max- imum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when han- dling the product. If this concentration is exceeded, self- contained breathing apparatus must be used.
Hand protection	:	Chemical-resistant, impervious gloves complying with an ap- proved standard should be worn at all times when handling chemical products if a risk assessment indicates this is nec- essary.
Eye protection	:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.
Skin and body protection	:	Choose body protection in relation to its type, to the concen-

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tration and amount of dangerous substances, and to the specific work-place. $% \left({{{\left({{{{\rm{s}}}} \right)}}} \right)$

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: powder
Colour	: various
Odour	: odourless
Odour Threshold	: No data available
рН	: Not applicable
Melting point/range / Freezing point	: No data available
	: Not applicable
Flash point	: Not applicable
Evaporation rate	: No data available
Flammability	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: ()Not applicable
Relative vapour density	: No data available
Density	: ca. 2.7 g/cm3 (20 °C (68 °F) ())
Solubility(ies) Water solubility	: No data available
Solubility in other solvents	: No data available
Partition coefficient: n- octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity Viscosity, dynamic	: No data available
Viscosity, kinematic	: Not applicable
Explosive properties	: No data available

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 Molecular weight
 : No data available

 SECTION 10. STABILITY AND REACTIVITY

 Reactivity
 : No dangerous reaction known under conditions of normal use.

 Chemical stability
 : The product is chemically stable.

Possibility of hazardous reac- : Stable under recommended storage conditions.

Conditions to avoid : No data available

Incompatible materials : No data available

No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

No data available

Skin corrosion/irritation

Causes severe burns.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information. Respiratory sensitisation: Not classified based on available information.

Chronic toxicity

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity No data available	
Persistence and degradability No data available	
Bioaccumulative potential No data available	
Mobility in soil No data available	
Other adverse effects	
Product: Additional ecological infor- : There is no data available for this product. mation	

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	
Waste from residues	 Do not contaminate ponds, waterways or ditches with chemi- cal or used container. Send to a licensed waste management company.
Contaminated packaging	 Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

International Regulations IATA-DGR Not dangerous goods IMDG-Code Not dangerous goods

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable for product as supplied.

National Regulations NZS 5433 Not dangerous goods

SECTION 15. REGULATORY INFORMATION

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

International Chemical Weapons Convention (CWC) : Not applicable Schedules of Toxic Chemicals and Precursors

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HSNO Approval Number

HSR002670

HSNO Controls

Approved handler certificate not required. HSNO tracking not required. Refer to EPA user guide to the HSNO control regulations for further information.

The components of this product are reported in the following inventories:

NZIoC : On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Date format

: dd.mm.yyyy

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.