

Material Safety Data Sheet Cover-Sheet – This page provides additional New Zealand specific information for this product and must be read in conjunction with the Safety Data Sheet (SDS) attached

Product Name: PROPHYflex Perio Powder

Manufacturer: KaVo Dental GmbH

SDS Expiry: 2 June 2028

Supplier Details: Henry Schein New Zealand
243-249 Bush Road, Rosedale, Auckland, 0632
PO Box 101 140, North Shore, Auckland 0745
Ph. 0800 808 855
www.henryschein.co.nz

Emergency Contacts: Poisons/Hazardous Chemical Info Centre –
0800POISON/0800764766 (24 Hours)
Phone 111 for Fire, Ambulance or Police

HSNO Class/Category: Non-Hazardous

HSNO Group Standard: Non-Hazardous

Statements/Pictograms: As per attached Safety Data Sheet (SDS)

Date Prepared: This coversheet was prepared – July 2026

This SDS coversheet has been produced by Henry Schein NZ and has been prepared in accordance with NZ EPA advice on making overseas SDS compliant to HSNO Act. The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specifications of the product. Users must satisfy that the product is entirely suitable for their purpose. The SDS and this coversheet may be revised from time to time, please ensure you have a current copy.

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according to WHS Regulation



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Section 1 - Identification

Product identifier

KaVo PROPHYflex™ Perio Powder

Product code:

1.009.3732

1.009.5764

Recommended use of the chemical and restrictions on use

Use of the substance/mixture

The product is intended for professional use.

Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals as listed in WHS

Schedule 10

None

Details of manufacturer or importer

Manufacturer

Company name:	KaVo Dental GmbH	
Street:	Bismarckring 39	
Place:	D-88400 Biberach	
Telephone:	+49 (0) 7351 56 0	Telefax: + 49 (0) 7351 56 1488
E-mail:	sdb@kavo.com	
E-mail (Contact person):	support@gefahrstoff.com	
Internet:	www.kavo.com	
Responsible Department:	Questions concerning SDB: epos Software & Service AG	

Distributor

Company name:	KaVo Dental Australia PTY LTD C/O MCCULLOGH ROBERTSON
Street:	Level 32, 25 Martin Place
Place:	AUS-2000 Sydney NSW
E-mail:	sdb@kavo.com
E-mail (Contact person):	support@gefahrstoff.com
Internet:	www.kavo.com
Responsible Department:	Questions concerning SDB: epos Software & Service AG

Emergency phone number:

Infotrac/GBK GmbH +61-280735031 (Australia)
 Infotrac/GBK GmbH +64-98896587 (New Zealand)

Section 2 - Hazard(s) identification

Classification of the hazardous chemical

WHS 2021

This mixture is not classified as hazardous in accordance with WHS Regulations 2021.

Label elements, including precautionary statements

WHS 2021

Special labelling of certain mixtures

May form explosible dust-air mixture if dispersed.

Additional advice on labelling

GHS label elements, including precautionary statements: none

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Other hazards

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

Section 3 - Composition and information on ingredients**Mixtures****Chemical characterization**

Contains:

Glycine

CAS No.: 56-40-6

Concentration: ≥ 90 Wt %**Hazardous components**

CAS No	Chemical name	Quantity
7631-86-9	Silicon dioxide	< 10 %

Further Information

Contains: nanomaterial

Section 4 - First aid measures**Description of necessary first aid measures****General information**

When in doubt or if symptoms are observed, get medical advice.

After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of soap and water.

After contact with eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

Symptoms caused by exposure

No information available.

Medical attention and special treatment

Treat symptomatically.

Section 5 - Firefighting measures**Suitable extinguishing equipment****Suitable extinguishing media**

Water, Foam, alcohol resistant foam, Extinguishing powder

Unsuitable extinguishing media

High power water jet.

Specific hazards arising from the chemical

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to

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the danger of dust explosion.

In case of fire may be liberated: Nitrogen oxides (NOx), Carbon monoxide, Carbon dioxide (CO₂)

Special protective equipment and precautions for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate fire-fighting measures to the fire surroundings.

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

Hazchem code: -

Additional information

Use water spray jet to protect personnel and to cool endangered containers.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures

General advice

Avoid contact with skin, eyes and clothes. Avoid dust formation. Do not breathe dust.

For non-emergency personnel

Remove all sources of ignition. Provide adequate ventilation. Use personal protection equipment.

For emergency responders

Wear personal protection equipment (refer to section 8).

Environmental precautions

Do not allow to enter into surface water or drains.

Methods and materials for containment and cleaning up

For containment

Stop leak if safe to do so.

For cleaning up

Take up mechanically. Take up dust-free and set down dust-free. Treat the recovered material as prescribed in the section on waste disposal.

Other information

Do not use a dry brush as dust clouds or static can be created.

Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

Section 7 - Handling and storage

Precautions for safe handling

Advice on safe handling

Provide adequate ventilation. Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Advice on general occupational hygiene

Take off contaminated clothing. Protect skin by using skin protective cream. Wash hands before breaks and after work. When using do not eat or drink.

Conditions for safe storage, including any incompatibilities

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Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed and in a well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints on joint storage

Do not store together with: Food and feedingstuffs, Base, Oxidising agent

Further information on storage conditions

Protect against: Humidity, Heat.

Section 8 - Exposure controls and personal protection

Exposure control measures

Workplace Exposure Standards (WES)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
-	Particles (insoluble or poorly soluble) not otherwise specified (inhalable fraction)		10		TWA (8 h)	ACGIH-2022
-	Particles (insoluble or poorly soluble) not otherwise specified (respirable fraction)		3		TWA (8 h)	ACGIH-2022
7631-86-9	Silica - Amorphous: Fumed silica (respirable dust)	-	2		TWA (8 h)	WES

Additional advice on limit values

Occupational exposure limit values (australia):

Silica, amorphous (inhalable) (CAS No.: 112926-00-8): TWA 10 mg/m³

Exposure controls



Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

Individual protection measures, for example personal protective equipment (PPE)

Eye and face protection

Wear eye/face protection.

Hand protection

Wear suitable gloves.

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Breakthrough times and swelling properties of the material must be taken into consideration.

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Thermal hazards

No information available.

Environmental exposure controls

Do not allow to enter into surface water or drains.

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Section 9 - Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	solid (Powder)
Colour:	white
Odour:	odourless
Odour threshold:	not determined
Melting point/freezing point:	232 - 236 °C
Boiling point or initial boiling point and boiling range:	not determined
Flammability:	This material is combustible, but will not ignite readily.
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Flash point:	not applicable
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH-Value:	5,9
Viscosity / kinematic:	not determined
Water solubility: (at 25 °C)	250 g/L
Solubility in other solvents	not determined
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density:	not determined
Relative vapour density:	not applicable
Particle characteristics:	Contains: nanomaterial

Other information

Information with regard to physical hazard classes

Explosive properties

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

Further Information

No information available.

Section 10 - Stability and reactivity

Reactivity

No hazardous reaction when handled and stored according to provisions.

Chemical stability

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid dust

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formation.

Incompatible materials

Base, Oxidising agent

Hazardous decomposition products

Nitrogen oxides (NOx), Carbon dioxide (CO₂), Carbon monoxide

Section 11 - Toxicological information

Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Information on possible routes of exposure

oral, Skin contact, Eye contact, Inhalation

Information on other hazards

Other information

No information available.

Interactive effects

No information available.

Section 12 - Ecological information

Ecotoxicity

The product is not: Ecotoxic.

Persistence and degradability

The organic part of the product is biodegradable.

Bioaccumulative potential

The product has not been tested.

Mobility in soil

The product has not been tested.

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

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Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

Section 13 - Disposal considerations

Disposal methods

Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging

Handle contaminated packages in the same way as the substance itself. Dispose of waste according to applicable legislation.

Section 14 - Transport information

Land transport (ADG)

UN proper shipping name or technical name:

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

UN number or ID number:
UN proper shipping name or technical name:
Transport hazard class:
Packing group number:

No dangerous good in sense of this transport regulation.
No dangerous good in sense of this transport regulation.
No dangerous good in sense of this transport regulation.
No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

UN number or ID number:
UN proper shipping name or technical name:
Transport hazard class:
Packing group number:

No dangerous good in sense of this transport regulation.
No dangerous good in sense of this transport regulation.
No dangerous good in sense of this transport regulation.
No dangerous good in sense of this transport regulation.

Environmental hazards for transport purposes

ENVIRONMENTALLY HAZARDOUS: No

Special precautions for user

No information available.

Maritime transport in bulk according to IMO instruments

not applicable

Additional information

Hazchem code: -

Section 15 - Regulatory information

National regulatory information

Poisons Schedule number (SUSMP): not applicable
AIC Inventory status: CAS No. 56-40-6: Yes. (IMAP tier I assessment)
CAS No. 7631-86-9 (amorphous): Yes. (IMAP tier I assessment)

Additional information

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Observe in addition any national regulations!

Section 16 - Any other relevant information

Changes

Revision date: 02.06.2023

Revision No: 1,2

This data sheet contains changes from the previous version in section(s): 1,2,3,6,7,8,9,11,12,14,15,16.

Key abbreviations or acronyms used

ACGIH: American Conference of Governmental Industrial Hygienists

ADG: Australian Dangerous Goods

AICIS: Australian Industrial Chemicals Introduction Scheme

NICNAS: National Industrial Chemicals Notification and Assessment Scheme

IMAP: Inventory Multi-tiered Assessment and Prioritisation

ICAO: International Civil Aviation Organization

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service

STEL: Short-term exposure limit

TWA: time-weighted average

TI: Technical Instructions

DGR: Dangerous Goods Regulations

UN: United Nations

ATE: Acute toxicity estimate

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

VOC: Volatile Organic Compounds

SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)