

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: PROPHYpearls

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: 6.4A

HSNO Group Standard: Dental Products Subsidiary Hazard Group Standard 2020
HSR002558

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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Section 1 - Identification

Product identifier

KaVo PROPHYpearls®

Product code:

1.010.1798
1.010.1826
1.010.1828
1.010.1829
1.010.1830
1.010.1831
1.013.4400

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

Eye damage/irritation: Eye Irrit. 2B

Label elements, including precautionary statements

WHS 2021

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Hazard components for labelling

Calcium carbonate: > 60 %

Signal word: Warning**Hazard statements**

H320 Causes eye irritation

Precautionary statements

P264 Wash hands thoroughly after handling.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

Additional advice on labelling

none

Other hazards

Repeated exposure may cause skin dryness or cracking.

Inhalation of dust may cause irritation of the respiratory system. (high concentrations)

Following inhalation: Cough

Section 3 - Composition and information on ingredients

Mixtures**Hazardous components**

CAS No	Chemical name	Quantity
471-34-1	Calcium carbonate	> 60 %
7789-75-5	Calcium fluoride	< 1 %

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

Remove casualty to fresh air and keep warm and at rest. In case of respiratory tract irritation, consult a physician.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

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

Repeated exposure may cause skin dryness or cracking.

Inhalation of dust may cause irritation of the respiratory system. (high concentrations)

Following inhalation: Cough

Medical attention and special treatment

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Treat symptomatically.

Section 5 - Firefighting measures

Suitable extinguishing equipment

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Specific hazards arising from the chemical

The product itself does not burn.

In case of fire may be liberated: Carbon dioxide (CO₂), Pyrolysis products, toxic

Special protective equipment and precautions for firefighters

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

Hazchem code: -

Additional information

Suppress gases/vapours/mists with water spray jet. 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 dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothes.

For non-emergency personnel

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. Avoid dust formation. Wet clean or vacuum up solids.

Other information

Treat the recovered material as prescribed in the section on waste disposal.

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

Usual measures for fire prevention.

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Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.
Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed and in a well-ventilated place. Store in a cool dry place.

Hints on joint storage

Do not store together with: Oxidising agent, Acid, Fluorine

Further information on storage conditions

Protect against: Heat, Humidity

Section 8 - Exposure controls and personal protection

Exposure control measures

Workplace Exposure Standards (WES)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
471-34-1	Calcium carbonate	-	10		TWA (8 h)	WES
-	Fluorides (as F)	-	2.5		TWA (8 h)	WES
-	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

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 protective 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.

Skin protection

In case of inadequate ventilation wear respiratory protection.

Generation/formation of dust: P1

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

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Thermal hazards

No information available.

Environmental exposure controls

Do not allow to enter into surface water or drains.

Section 9 - Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	solid	
Colour:	white	
Odour:	characteristic	
Odour threshold:	not determined	
Melting point/freezing point:		825 °C
Boiling point or initial boiling point and boiling range:		not determined
Flammability:		Non-flammable.
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:	8,5 (10 % in aqueous solution)	
Viscosity / kinematic:		not determined
Water solubility:		slightly soluble
Solubility in other solvents		
insoluble in: Alcohol		
Partition coefficient n-octanol/water:		not determined
Vapour pressure:		not determined
Density:		2,5 - 2,7 g/cm ³
Relative vapour density:		not determined
Particle characteristics:		not determined

Other information**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

Reaction with: Oxidising agent, Acid, Fluorine

Conditions to avoid

Heat, Humidity

Incompatible materials

Oxidising agent, Acid, Fluorine

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Hazardous decomposition products

In case of fire may be liberated: Carbon dioxide (CO₂), Pyrolysis products, toxic

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

Causes eye irritation

Skin corrosion/irritation: 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, dermal, inhalative, Eye contact.

Information on other hazards

Other information

Repeated exposure may cause skin dryness or cracking.

Inhalation of dust may cause irritation of the respiratory system. (high concentrations)

Following inhalation Cough

Interactive effects

No information available.

Section 12 - Ecological information

Ecotoxicity

The product is not: Ecotoxic.

Persistence and degradability

The product has not been tested.

Bioaccumulative potential

No indication of bioaccumulation potential.

Mobility in soil

The product is: slightly soluble (Water).

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.

Other adverse effects

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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

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

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:

No dangerous good in sense of this transport regulation.

No dangerous good in sense of this transport regulation.

Transport hazard class:

No dangerous good in sense of this transport regulation.

Packing group number:

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:

No dangerous good in sense of this transport regulation.

No dangerous good in sense of this transport regulation.

Transport hazard class:

No dangerous good in sense of this transport regulation.

Packing group number:

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

AiIC Inventory status:

CAS No. 7789-75-5: Yes. (IMAP tier I assessment)

CAS No. 471-34-1: Yes. (IMAP tier I assessment)

Additional information

Observe in addition any national regulations!

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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): 2,3,4,5,6,7,8,9,10,11,12,13,14,15.

Key abbreviations or acronyms used

ADG: Australian Dangerous Goods

AICS: Australian Inventory of Chemical Substances

AICIS: Australian Industrial Chemicals Introduction Scheme

NICNAS: National Industrial Chemicals Notification and Assessment Scheme

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

NICNAS: National Industrial Chemicals Notification and Assessment Scheme

SETEL: Short Term Exposure Limits

TWA: Time-Weighted Average

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.)