

Safety Data Sheet as per regulation (EC) 1907/2006

Commercial Product Name : CeraFirm
Article-No. : 201-0000/201-1000/201-2000
Revision Date : 10.10.2019
Version : 1.1 /en



Replaces version from : 25.09.2019
Print date : 10.10.2019

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

1.1 Product identifier

Commercial Product Name CeraFirm

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

Relevant identified uses Auxiliary for dental technology

1.3 Details of the supplier of the safety data sheet

Company designation HPdent GmbH
Erwin-Dietrich-Straße 5
78244 Gottmadingen
+49 7731 38 11 044
+49 7731 31 97 123
kontakt@hp-dent.com

1.4 Emergency telephone number

Emergency telephone number During opening hours: +49 7731 38 11 044 Opening hours Mo – Th
from 8.30 a.m. to 5 p.m. / Fr from 08.30 a.m. to 4 p.m. (CET).

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Reg- This product is classified as not hazardous according to regulation
ulation (EC) No. 1272/2008 (EC) 1272/2008 [CLP].

SECTION 3: Composition/information on ingredients

Chemical characterization Mixtures

3.2 Mixtures

Hazardous ingredients

Ingredient	CAS No.	Classification (EC) 1272/2008	Concentration
Polyacrylic acid, weakly cross-linked	CAS No. : 9003-01-4		< - 0.5 %

Other data The mixture is classified as not hazardous according to regulation
(EC) No 1272/2008 [CLP].

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SECTION 4: First aid measures

4.1 Description of first aid measures

If inhaled	Provide fresh air. Call a doctor if you feel unwell.
In case of skin contact	Wash with plenty of soap and water.
In case of eye contact	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.
If swallowed	Call a doctor if you feel unwell.
Notes to physician	Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate medical attention	No further relevant information available.
Special medical treatment	No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	The product is not flammable.
Extinguishing media which must not be used for safety reasons	No further relevant information available.

5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases	No further relevant information available.
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5.3 Advice for firefighters

Special protective equipment for firefighting	No further relevant information available.
Additional information on firefighting	No further relevant information available.
Classification of fires	No further relevant information available.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions No hazardous reaction when handled and stored according to provisions.

6.2 Environmental precautions

Environmental precautions No information available.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up Take up mechanically.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling Handle and open container with care.

Precautions No further relevant information available.

Advice on protection against fire and explosion No further relevant information available.

Ignition group No further relevant information available.

7.2 Conditions for safe storage, including any incompatibilities

Storage space and container requirements Store in a cool dry place.

Storage specifications Store in a cool dry place.

German storage class No further relevant information available.

Storage class (CEA) No further relevant information available.

7.3 Specific end use(s)

Specific use(s) Follow use instructions.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Polyacrylic acid, weakly cross-linked

Switzerland			
Long-term exposure value/ mg/m ³	Short-term exposure value / mg/m ³	Notations	Source
0,05 a	0,05 a	SSC	SUVA Switzerland 2017

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8.2 Exposure controls

General protective and hygiene measures Frequently or prolonged contact with skin may cause dermal irritation.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Colour	clear
Odour	odourless
Melting point [°C] / Freezing point [°C]	not determined
Boiling point [°C]	~ 100 °C
Evaporation rate [kg/(s*m ²)]	> 100 °C
Water solubility [g/l]	soluble
Viscosity, dynamic [kg/(m*s)]	2,5-5 / 70-150 mPa-s@20 °C
Viscosity, kinematic [mm ² /s]	not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

Reactivity Water, NaCl

10.2 Chemical stability

Chemical stability The product is stable under storage at normal ambient temperatures.

10.4 Conditions to avoid

Conditions to avoid No hazardous reaction when handled and stored according to provisions.

10.5 Incompatible materials

Materials to avoid No hazardous reaction when handled and stored according to provisions.

10.6 Hazardous decomposition products

Hazardous decomposition products No hazardous reaction when handled and stored according to provisions.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Irritant effect on skin	No skin irritation.
Irritant effect on eyes	No irritation for the eyes.
Irritant effect on the respiratory tract	Not an irritant.
Sensitization	Unknown

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish [mg/l]	No further relevant information available.
Toxicity to daphnia [mg/l]	No further relevant information available.
Toxicity to algae [mg/l]	No further relevant information available.
Aquatic toxicity [mg/l]	No further relevant information available.

12.2 Persistence and degradability

Elimination and distribution mechanisms	No further relevant information available.
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12.3 Bioaccumulative potential

Bioaccumulation	No further data available.
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12.4 Mobility in soil

Mobility	
Mobility	No further data available.

12.5 Results of PBT and vPvB assessment

Results of PBT characteristics determination	No further relevant information available.
Results of PBT and vPvB assessment	No further relevant information available.

12.6 Other adverse effects

Further information on ecology	No further relevant information available.
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal considerations Dispose of waste according to applicable legislation.
Waste Code 07 06 99 Abfälle a. n. g.
 15 01 02 Verpackungen aus Kunststoff

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.3 Transport hazard class(es)	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.1 UN-No			Not applicable

SECTION 15: Regulatory information

15.2 Chemical safety assessment

Safety assessment For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Modifications since last version Modifications of the previous version are denoted with an asterisk (*).

Wording of the hazard classes This product is classified as not hazardous according to regulation EC CLP

Further information The information is based on present level of our knowledge. It does not however, give assurances of product properties and establishes no contract legal rights.
The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Modifications of the previous version are denoted with an asterisk (*).

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.