



<b>CeraFirm</b>	Revision Date: 01.04.2014
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**SECTION 1: PRODUCT / COMPANY INFORMATION**

**1.1 Product Identifier**

Product Trade Name: CeraFirm  
 Uses/ Application: Mixing Additive for Ceramic / Modelling Liquid for Ceramic  
 Article Number(s): 201-0000 / 201-1000 / 201-2000

**1.2 Company Information: International**

**USA / CAN**

Company Name:	HPdent GmbH	Harvest Dental Products, LLC
Street:	Anneliese - Bilger - Platz 1	155 Arovista Circle, Suite B
City/ Zip:	78244 Gottmadingen	Brea, 92821
State/ Province:	BW	California
Country:	Germany	USA
Telephone:	+49 7731 38 11 044	1+714-674-7400
Emergency Telephone:	Infotrac INTL: +352-3232-3500 (Collect)	Infotrac: 1+800-535-5053

**SECTION 2: HAZARD IDENTIFICATION**

**2.1 Hazard Classification:** (according to communitarian directives 67/548/EEC&99/45/EC)

Hazard Classes: n.a.  
 Hazard Codes: n.a.  
 Risk statements: n.a.  
 Safety statements: n.a.  
 Special labeling of certain mixtures: n.a.

**SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS**

**3.1 Hazardous Ingredients:** (according to communitarian directives 67/548/EEC&99/45/EC)

Ingredients	%	Hazard Symbols	Risk Phrases	CAS No	EINECS
n.a.		n.a.	n.a.	n.a.	n.a.

**3.2 Further Information of Composition:**

Aqua dest. > 99,95 %

**SECTION 4: FIRST AID MEASURES**

- 4.1 Eye:** In case of contact with eyes, rinse with open eye-lid by using plenty of water.
- 4.2 Skin:** Not irritant
- 4.3 Inhalation:** Not irritant
- 4.4 Ingestion:** Seek medical attention if problems persist.

**SECTION 5: FIRE FIGHTING MEASURES**

- 5.1 Suitable Extinguishing media:** None flammable.
- 5.2 Forbidden extinguishing Media:** None.
- 5.3 Special firefighting measures:** None.
- 5.4 Unusual fire and explosion hazard:** None.
- 5.5 Special protection equipment:** None.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

- 6.1 Personal precautions:** Slippery when spilled.
- 6.2 Environmental Precautions:** n.a.
- 6.3 Reclaiming Methods:** Pickup mechanically.

**SECTION 7: HANDLING AND STORAGE (according to article 5 of communitarian directive 98/24/EC)**

- 7.1 Handling precautions:** Handle and open container with care.
- 7.2 Precautions in case of fire:** n.a.
- 7.3 Storage conditions:** Store cool and dry.
- 7.4 Suggested container:** Original Mfr. Container.

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**7,5 Environmental Precautions:** n.a.

**7,6 Other precautions:** n.a.

### SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

<b>8,1 Exposure Limits:</b>	<b>Chemical name:</b>	<b>ml/m<sub>3</sub></b>	<b>mg/m<sub>3</sub></b>	<b>Category</b>	<b>Origin</b>
	n.a.				
<b>8,2 Exposure Controls:</b>	refer to chapter 7. No further action is necessary.				
<b>8,3 Ventilation:</b>					
Local exhaust ventilation:	None				
Special ventilation:	None				
Mechanical ventilation:	None				
Other Ventilation:	None				
<b>8,4 Respiratory Protection:</b>	None				
<b>8,5 Hands Protection:</b>	None				
<b>8,6 Eyes Protection:</b>	None				
<b>8,7 Skin Protection:</b>	None				
<b>8,8 Other:</b>	None.				
<b>8,9 Environmental exposure control measures:</b>	None				

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>9,1 General information:</b>			
Appearance:	Clear Liquid		
Odour:	None		
<b>9,2 Information related to health, safety and environment</b>			
<b>pH:</b>	NA	<b>Relative density:</b>	Not determined.
<b>Boiling point:</b>	~ 100°C	<b>Specific gravity:</b>	1,02 - 1,03g/cm <sub>3</sub> @ 20°C
<b>Flash Point:</b>	n.a.	<b>Solubility:</b>	Water soluble
<b>Flammable:</b>	No	<b>Viscosity (dynamic):</b>	2,5 - 5 / 70 - 150 mPa-s @ 20°C
<b>Lower Explosivity Limit:</b>	n.a.	<b>Viscosity (cinematic)</b>	Not determined.
<b>Upper Explosivity Limit:</b>	n.a.	<b>Vapour density (air=1):</b>	Not determined.
<b>Oxidation:</b>	n.a.	<b>Evaporation:</b>	starting at 100 °C
<b>Vapour Pressure:</b>	n.a.	<b>Melting point:</b>	N/E
<b>9,3 Other information (according to communitarian directive 94/9/EC)</b>			
Miscibility:	Not determined.	Conducibility:	N/A
Solubility in Lipids:	Not available	Gases Group:	N/A

### SECTION 10: STABILITY AND REACTIVITY

<b>10,1 Stability:</b>	Reacts with: Water, NaCl
<b>10,2 Conditions to avoid:</b>	NA
<b>10,3 Materials to avoid:</b>	NA
<b>10,4 Hazardous decomposition products:</b>	Unknown.
<b>10,5 Further information:</b>	Not determined

### SECTION 11: TOXICOLOGICAL INFORMATION

<b>11,1 Acute oral toxicity:</b>	n.a.
<b>11,2 Acute inhalation toxicity:</b>	n.a.
<b>11,3 Acute dermal toxicity:</b>	n.a.
<b>11,4 Irritation and corrosivity:</b>	n.a.
<b>11,5 Sensitizing effects:</b>	n.a.
<b>11,6 Effects after prolonged exposure:</b>	n.a.
<b>11,7 Toxic-kinetic effects:</b>	n.a.
<b>11,8 Effects on metabolism:</b>	n.a.

### SECTION 12: ECOLOGICAL INFORMATION

<b>12,1 Toxicity:</b>	n.a.
<b>12,2 Mobility:</b>	n.a.
<b>12,3 Persistence and degradability:</b>	n.a.
<b>12,4 Biocommulative potential:</b>	n.a.

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**12,5** **Results of PBT assesment:** n.a.

**12,6** **Other adverse effects:** n.a.

### SECTION 13: DISPOSABLE CONSIDERATIONS

**13,1** **Waste disposal methods:**

Disposal considerations: Dispose of in accordance to local regulations.

### SECTION 14: TRANSPORT INFORMATION

**14,1** **DOT Land transport (ADR/ RID) (49 CFR 172.101):**

Not a hazardous material with respect to these transportation regulations.

**14,2** **Air transportation (IATA):**

Not a hazardous material with respect to these transportation regulations.

**14,3** **Sea transportation (IMDG)**

Not a hazardous material with respect to these transportation regulations.

### SECTION 15: REGULATORY INFORMATION (Classification according to communitarian directives 67/548/EEC & 99/45/EC)

**15,1** **Risk Phrases:**

n.a.

**15,2** **Safety Phrases**

n.a.

n.a.

n.a.

**15,3** **Further info:** 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.

**15,4** **Sources of key data used to compile the Safety Data Sheet:**

O.S.H.A. [www.osha.gov](http://www.osha.gov)

European Chemicals Bureau (ECB) [www.ecb.jrc.it](http://www.ecb.jrc.it)

European Chemical Substances Information (ESIS) [www.ecb.jrc.it/esis](http://www.ecb.jrc.it/esis)

A.C.G.I.H. [www.acgih.org](http://www.acgih.org)

N.I.O.S.H. [www.cdc.gov/niosh](http://www.cdc.gov/niosh)

U.E. [www.europa.eu/index\\_it.htm](http://www.europa.eu/index_it.htm)

I.A.R.C. [www.iarc.fr](http://www.iarc.fr)

N.T.P. [www.ntp.niehs.nih.gov](http://www.ntp.niehs.nih.gov)

**15,5** **European Community Directives:**

**67/548/EEC:** Classification, packaging and labelling of dangerous substances.

**99/45/EC:** Directive concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.

**2001/58/EC:** Second amendment of directive 91/155/EEC for the definition of a detailed arrangement of specific information relating to dangerous preparations (art. 14 of 99/45/EC) and substances (art. 27 of 67/548/EEC).

**89/656/EEC:** Directive on the minimum health and safety requirements for the use by workers of personal protective equipment at the workplace (third individual directive within the meaning of Article 16 (1) of Directive 89/391/EEC).

**89/686/EEC:** Approximation of the laws of the Member States relating to personal protective equipment.

**94/9/EC:** Approximation of the laws of the Member States concerning equipment and protective at work.

**98/24/EC:** Commission Directive 2008/58/EC of 21 August 2008 amending, for the purpose of its adaptation to technical progress, for the 30th time, Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances.

## **SAFETY DATA SHEET (MSDS)**

According to Regulation (EC) No. 1907/2006

### **Document modification history**

April, 01 2014: First version in compliance of Community Regulation 2006/1907/EC (R.E.A.Ch.)

CAUTION: PRODUCT FOR PROFESSIONAL USE

The information on this Safety Sheet is based on presently available data and to our best knowledge for the correct handling of the product under normal conditions. Any use of this product in any way not indicated on this Sheet or the use of this product together with any other process/procedure will be exclusively under the user's responsibility. This document does not constitute explicit or implicit warranty of product quality or fitness for a particular purpose.