

Trade name: CeraFirm
Product No.: 201-0000/201-1000/201-2000

Version as of: 2015-07-29

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

Produkt identifier	201-0000/201-1000/201-2000
Trade name	CeraFirm
Type of packaging	Bottle / Syringe
Relevant identified uses of the substance or mixture and uses advised against	No further relevant information available.
Application of the substance / the preparation	Mixing Additive for Ceramic / Modelling Liquid for Ceramic

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

HPdent GmbH	Tel. +49 (0)7731/3811044
Anneliese-Bilger-Platz 1	Fax +49 (0)7731/31971230
D-78244 Gottmadingen	

Further information obtainable from:

HPdent GmbH, Tel.: +49-(0)7731/3811044, kontakt@hp-dent.com

Emergency telephone number:

24h- Emergency Contact Phone Number
For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident

Call 24/7 within USA and Canada:	1 800 424 9300	
Outside USA and Canada:	001 703 527 3887	
In-Country Emergency Number for:		
China:	4001 204937	Mandarin
Hong Kong:	800 968 793	Cantonese
India:	000 800 100 7141	Hindi
South Africa:	0 800 983 611	English

(WISAG FMO Cargo Service GmbH & CO.KG)

2 Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008	Void
Hazard pictograms	Void
Signal word	Void
Hazard statements	Void
Additional information:	Void

2.3 Other hazards

Other hazards

Results of PBT and vPvB assessment

PBT:	n.a.
vPvB:	n.a.

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3 Composition/information on ingredients

Chemical characterization:

Chemical characterization:

Description:

Dangerous components:

CAS: 9003-01-4	Polyacrylic acid	< 0,5 %
EINECS: not listed		

Additional information:

For the wording of the listed risk phrases refer to section 16.

4 First aid measures

Description of first aid measures

General information:

Immediately remove any clothing soiled by the product.

After inhalation:

Supply fresh air, consult doctor in case of complaints.

After skin contact:

Wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

If symptoms persist consult doctor.

Information for doctor:

Grease with skin-cream to restore fat film in order to prevent skin inflammation.

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Firefighting measures

Extinguishing media

None flammable

Suitable extinguishing agents

None

For safety reasons unsuitable extinguishing agents

None

Special hazards arising from the substance or mixture

None

Advice for firefighters

None

Protective equipment

None

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

n.a

Environmental precautions

n. a.

Methods and material for containment and cleaning up

Pickup mechanically

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment

See Section 13 for disposal information.

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7 Handling and storage

Handling precautions for safe handling	Handle and open container with care.
Information about fire and explosion protection	n.a.
Conditions for safe storage, including any incompatibilities	
Storage:	n.a.
Requirements to be met by storerooms and receptacles	Store cool and dry.
Information about storage in one common storage facility	n.a.
Further information about storage conditions	Protect from heat and direct sunlight.
Specific end use(s)	No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical facilities:	No further data; see section 7.
Control parameters:	No further data; see section 7.
Ingredients with limit values that require monitoring at the workplace:	
	No further data; see section 7.
Additional information:	The lists valid during the making were used as basis.
Exposure controls:	No further data; see section 7.
Personal protective equipment:	None
General protective and hygienic measures:	None
Respiratory protection:	None
Protection of hands	None
Material of gloves:	n.a.
Penetration time of glove material	n.a.
Eye protection:	None
Body protection:	None

9 Physical and chemical properties

Information on basic physical and chemical properties

General information

Appearance:	
- Form:	Liquid
- Colour:	clear
Odour:	None
Odour threshold:	None
pH-value:	NA
Change in condition	
- Melting point/Melting range:	N/E
- Boiling point/Boiling range:	~ 100° C
Flash point:	n. a.
Flammability (solid, gaseous):	None
Ignition temperature:	n. a.
Decomposition temperature:	n. a.
Self-igniting:	n. a.
Danger of explosion:	n. a.
Explosion limits:	
- Lower:	n.a.
- Upper:	n.a.

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Vapour pressure at 20° C:	n.a.
Density at 20°C:	
Relative density:	Not determined
Vapour density:	Not determined
Evaporation rate:	starting at 100° C
Solubility in/Miscibility with water:	Water soluble
Partition coefficient (n-octanol/water:)	
Viscosity:	
- Dynamic:	2,5-5 / 70-150 mPa-s@ 20° C
- Kinematic:	Not determined
- Organic solvents:	Not determined
Other information:	

10 Stability and reactivity

Reactivity:	Reacts with: Water, NaCl
Chemical stability:	None
Thermal decomposition/conditions to be avoided:	None
Possibility of hazardous reactions:	None
Conditions to avoid:	None
Incompatible materials:	None
Hazardous decomposition products:	None

11 Toxicological information

Information on toxicological effects

Acute toxicity:	None
Primary irritant effect:	
- on the skin:	No irritating effect known.
- on the eye:	No irritating effect known.
- after ingestion:	No irritating effect known.
- after inhalation:	No irritating effect known.
- Sensitization:	No irritating effect known.
- Additional toxicological information:	The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in latest version.

12 Ecological information

Toxicity:	
Aquatic toxicity:	No further relevant information available
Persistence and degradability:	No further relevant information available
Behaviour in environmental systems:	
- Bioaccumulative potential:	No further relevant information available
- Mobility in soil:	No further relevant information available
Additional ecological information:	
- General notes:	No further relevant information available
Results of PBT and vPvB assessment	
- PBT:	No further relevant information available
- vPvB:	No further relevant information available
Other adverse effects:	No further relevant information available

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13 Disposal considerations

Waste treatment methods

- Recommendation:

Smaller quantities can be disposed of with household waste.

Waste disposal key:

For this product no waste key number can be specified, because only the intended purpose permits an allocation. The waste key number is to be specified in arrangement with the regional waste disposal.

European waste catalogue

07 06 99	wastes not otherwise specified
15 01 02	plastic packaging

Uncleaned packaging:

- Recommendation:

Dispose of in accordance to local regulations.

14 Transport information

UN-Number

- ADR, IMDG, IATA Void

UN proper shipping name

- ADR Void

- IMDG, IATA Void

Transport hazard class(es)

- ADR

Class Void

Label Void

- IMDG, IATA

Class Void

Label Void

Packaging group

- ADR, IMDG, IATA Void

Environmental hazards:

- Marine pollutant: None

Special precautions for user: n.a.

Transport in bulk according to Annex II n.a.

Transport/Additional information:

- ADR Void

- Limited quantities (LQ) Void

- Transport category Void

- Tunnel restriction code Void

UN "Model Regulation": -

15 Regulatory information

Safety, health and environmental -

National regulation: -

Waterhazard class: -

Chemical safety assessment: Has not been carried out.

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. The data in this safety data sheet are based on our knowledge at the time of the revision. The information should give you reference points for a safe handling of the product specified in this safety data sheet. The data are not transferable to other products. If the product specified in this safety data sheet is mixed or processed with other materials, the data cannot be transferred without examination.

Relevant phrases

n.a.

Recommended restriction of use

Existing national and local laws concerning chemicals are to be considered.

Department issuing MSDS:

HPdent GmbH

Contact:

HPdent GmbH, Tel. +49(0)7731 3811044

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals VOC: Volatile Organic Compounds (USA, EU)

LD50: Lethal dose, 50 percent

* Data compared to the previous version altered.