

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ceraMotion press invest powder

Revision date: 28.02.2017

Product code: 275-010

Page 1 of 6

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

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Further trade names

Article No.: 275-010-00

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Health services.

1.3. Details of the supplier of the safety data sheet

Company name: DENTAURUM GmbH & Co. KG

Street: Turnstr. 31

Place: D-75228 Ispringen

Telephone: +49 7231 803 0

Telefax: +49 7231 803 295

e-mail: info@dentaaurum.de

Internet: www.dentaaurum.com

Further Information

Emergency telephone:

07:00 - 16:15 (Mo - Do), 07:00 - 13:15 (Fr) +49 7231 803 213

16:15 - 18:00 (Mo - Do), 13:15 - 18:00 (Fr) +49 7231 803 0

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Specific target organ toxicity - repeated exposure: STOT RE 1

Hazard Statements:

Causes damage to organs through prolonged or repeated exposure.

Caution! Silicogenic dust!

2.2. Label elements**Regulation (EC) No. 1272/2008****Hazard components for labelling**

quartz

cristobalite

Signal word: Danger**Pictograms:****Hazard statements**

H372

Causes damage to organs through prolonged or repeated exposure.

Precautionary statements

P285

In case of inadequate ventilation wear respiratory protection.

P260

Do not breathe dust/fume/gas/mist/vapours/spray.

2.3. Other hazards

Caution! Silicogenic dust!

SECTION 3: Composition/information on ingredients

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ceraMotion press invest powder

Revision date: 28.02.2017

Product code: 275-010

Page 2 of 6

3.2. Mixtures**Chemical characterization**

quartz, cristobalite, magnesium oxide, ammonium phosphate

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
14808-60-7	quartz			30-70 %
	STOT RE 1; H372			
14464-46-1	cristobalite			10-40 %
	STOT RE 2; H373			

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with skin

After contact with skin, wash immediately with: Water. Change contaminated clothing.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

If swallowed, immediately drink: Water.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

5.3. Advice for firefighters

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

Additional information

Suppress gases/vapours/mists with water spray jet.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Avoid dust formation. Do not breathe dust. Use appropriate respiratory protection.

Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ceraMotion press invest powder

Revision date: 28.02.2017

Product code: 275-010

Page 3 of 6

6.2. Environmental precautions

Clean contaminated articles and floor according to the environmental legislation.

6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Conditions to avoid: Generation/formation of dust, Dust deposits.

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe dust.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep only in the original container. Keep container dry. Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Keep container in a well-ventilated place.

7.3. Specific end use(s)

Health services.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.2. Exposure controls****Appropriate engineering controls**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe dust.

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

Eye/face protection

Wear eye protection/face protection.

Hand protection

Recommendation:

Dermatril 740 Single-use gloves. NBR (Nitrile rubber). 0,11 mm

penetration time (maximum wearing period): 480 min.

REF 162-907-00 (7/S), REF 162-908-00 (8/M), REF 162-909-00 (9/L)

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. 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

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ceraMotion press invest powder

Revision date: 28.02.2017

Product code: 275-010

Page 4 of 6

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Powder
Colour:	white
Odour:	odourless

Test method

pH-Value: approx. 6 Suspension Water.

Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	not determined
Flash point:	not applicable

Flammability

Solid:	not determined
Gas:	not applicable
Lower explosion limits:	not determined
Upper explosion limits:	not determined

Auto-ignition temperature

Solid:	not determined
Gas:	not applicable
Decomposition temperature:	not determined
Vapour pressure:	not determined
Density:	not determined
Water solubility:	partially soluble
Partition coefficient:	not determined
Vapour density:	not determined
Evaporation rate:	not determined

9.2. Other information

Solid content:	not determined
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Package density: 900 - 1000 g/mL

Odour threshold: not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

none Reactivity

10.2. Chemical stability

Chemical stability

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

none

10.5. Incompatible materials

No information available.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ceraMotion press invest powder

Revision date: 28.02.2017

Product code: 275-010

Page 5 of 6

10.6. Hazardous decomposition products

Ammonia.

Further information

Thermal decomposition: with dehydration

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

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

Acute toxicity

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

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.

Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

Practical experience**Other observations**

Product contains over 1% fein dust containing quarz and can cause Silikose.

SECTION 12: Ecological information**12.1. Toxicity**

not relevant

12.2. Persistence and degradability

not relevant

12.3. Bioaccumulative potential

not relevant

12.4. Mobility in soil

not relevant

12.5. Results of PBT and vPvB assessment

not relevant

12.6. Other adverse effects

none

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ceraMotion press invest powder

Revision date: 28.02.2017

Product code: 275-010

Page 6 of 6

Advice on disposal

Dispose of waste according to applicable legislation. May be disposed of in household waste landfill.

Waste disposal number of used product

200301 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; other municipal wastes; mixed municipal waste

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No information available.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

Other applicable information

Not a hazardous material with respect to transportation regulations.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water contaminating class (D): - - not water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Relevant H and EUH statements (number and full text)**

H372 Causes damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure.

Further Information

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.

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