

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ceraMotion Zr

Revision date: 12.02.2021

Product code: 639

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

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Further trade names

Liner, Liner Mod, Press Liner, Base Dentin, Base Dentin Mod, Dentin, Dentin Mod Chroma, Dentin Mod Fluo, Incisal, Incisal Mod, Incisal Opal, Incisal Transpa, Transpa, Shoulder, Correction, Chroma Concept Liner, Chroma Concept Dentin, Chroma Concept Incisal, Gingival, Glaze, Touch Up Base Dentin, Touch Up Dentin, Touch Up Incisal, Touch Up Gingival TU, Paste Glaze PGL, Value Concept Zr

Article No.: 250-001-20, 250-001-40, 250-002-20, 250-002-40, 250-003-20, 250-003-40, 250-004-20, 250-004-40, 250-005-20, 250-005-40, 250-006-20, 250-006-40, 250-018-20, 250-019-20, 250-401-20, 250-402-20, 250-403-20, 250-404-20, 250-405-20, 250-406-20, 250-407-20, 250-408-20, 250-409-20, 250-410-20, 250-411-20, 250-412-20, 250-413-20, 250-414-20, 250-415-20, 250-416-20, 250-021-20, 250-021-40, 250-022-20, 250-022-40, 250-023-20, 250-023-40, 250-024-20, 250-024-40, 250-025-20, 250-025-40, 250-026-20, 250-026-40, 250-027-20, 250-027-40, 250-028-20, 250-028-40, 250-029-20, 250-029-40, 250-030-20, 250-030-40, 250-031-20, 250-031-40, 250-032-20, 250-032-40, 250-033-20, 250-033-40, 250-034-20, 250-034-40, 250-035-20, 250-035-40, 250-036-20, 250-036-40, 250-041-20, 250-041-40, 250-042-20, 250-042-40, 250-043-20, 250-043-40, 250-044-20, 250-044-40, 250-045-20, 250-045-40, 250-046-20, 250-046-40, 250-047-20, 250-047-40, 250-048-20, 250-048-40, 250-049-20, 250-049-40, 250-050-20, 250-050-40, 250-051-20, 250-051-40, 250-052-20, 250-052-40, 250-053-20, 250-053-40, 250-054-20, 250-054-40, 250-055-20, 250-055-40, 250-056-20, 250-056-40, 250-060-20, 250-060-40, 250-061-20, 250-061-40, 250-062-20, 250-062-40, 250-065-20, 250-065-40, 250-066-20, 250-066-40, 250-067-20, 250-067-40, 250-070-20, 250-070-40, 250-071-20, 250-071-40, 250-072-20, 250-072-40, 250-075-20, 250-075-40, 250-081-20, 250-082-20, 250-083-20, 250-084-20, 250-085-20, 250-086-20, 250-095-03, 250-101-20, 250-102-20, 250-103-20, 250-104-20, 250-105-20, 250-106-20, 250-107-20, 250-111-20, 250-112-20, 250-113-20, 250-114-20, 250-115-20, 250-116-20, 250-117-20, 250-121-20, 250-122-20, 250-123-20, 250-124-20, 250-125-20, 250-221-20, 250-222-20, 250-223-20, 250-224-20, 250-231-20, 250-232-20, 250-233-20, 250-234-20, 250-235-20, 250-236-20, 250-237-20, 250-238-20, 250-239-20, 250-240-20, 250-241-20, 250-242-20, 250-245-20, 250-090-20, 250-091-20, 250-092-20, 250-093-20, 250-251-20, 250-252-20, 250-253-20, 250-255-20, 250-256-20, 250-257-20, 250-260-20, 250-261-20, 250-262-20, 250-270-02, 250-263-20, 250-264-20, 250-271-03, 250-280-20, 250-281-20, 250-282-20, 250-283-20, 250-284-20, 250-285-20, 250-286-20, 250-287-20, 250-288-20, 250-289-20, 250-290-20, 250-291-20, 250-271-01, 250-272-01

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@dentaurum.de | |
| Internet: | www.dentaurum.com | |

Further Information

Emergency telephone:

07:00 - 16:15 (Mo - Do), 07:00 - 13:15 (Fr) +49 7231 803 441 / 443

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**

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Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

No risks worthy of mention.

2.2. Label elements**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Synthetic vitroceraamic powder with following ingredients:

SiO₂, Al₂O₃, K₂O, Na₂O, Li₂O, CaO, BaO, MgO, B₂O₃, CaF₂, Ca₂P₂O₇, ZrO₂ + pigments**SECTION 4: First aid measures****4.1. Description of first aid measures****After inhalation**

Provide fresh air. Get medical advice/attention if you feel unwell.

After contact with skin

After contact with skin, wash immediately with: Water and soap.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Induce vomiting when the affected person is not unconscious.

Rinse mouth immediately and drink 1 glass of water.

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.

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

Avoid dust formation.

6.3. Methods and material for containment and cleaning up**Other information**

Take up mechanically.

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

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

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

Keep/Store only in original container.

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Further information on storage conditions

Keep container tightly closed. Store in a cool dry place.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.2. Exposure controls****Protective and hygiene measures**

Do not breathe dust. Conditions to avoid: Eye contact

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

Eye/face protection

Tightly sealed safety glasses.

Hand protection

Wear protective gloves.

Respiratory protection

Use appropriate respiratory protection.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|-----------------|----------------------------------|
| Physical state: | Powder |
| Colour: | various, depending on coloration |
| Odour: | odourless |

Changes in the physical state

| | |
|-------------------|--|
| Melting point: | approx. 860 °C |
| Density: | approx. 2,4 - 2,7 g/cm ³ |
| Water solubility: | The study does not need to be conducted because the substance is known to be insoluble in water. |

SECTION 10: Stability and reactivity**10.3. Possibility of hazardous reactions**

No risks worthy of mention.

Further information

Thermal decomposition: none

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Further information**

Toxicological data are not available.

SECTION 12: Ecological information**Further information**

No information available.

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

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Disposal recommendations

May be disposed of in household waste landfill.

Contaminated packaging

Non-contaminated packages may be recycled.

SECTION 14: Transport information**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****EU regulatory information****Additional information**

For this product, a hazard label is not required according to section 1.3.4 of Annex I of the CLP regulation.

National regulatory information

Water hazard class (D): - - non-hazardous to water

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 1,4,7,8,15,16.

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.)