

SAFETY DATA SHEETS

This SDS packet was issued with item:

070427989

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

070393496 070393504 070393512 070393520 070393538 070393546 070393553 070393561 070393579 070393587
070393595 070393603 070393611 070393629 070393637 070393645 070427922 070427930 070427948 070427955
070427963 070427971 070427997 070428003 070428177 075601695 076621502 076621510 076621528 076621536
076621544 076621551 076621593 076621601 076621619 076621627 076621635 076621643 076621692 076621700
076621718 076621726 076621734 076621742 076621890 076621908 076621916 076621924 076621932 076622005
076622021 076622039 076622047 076622054 076622112 076622120 076622138 076622146 076622153 076622161
076622229 076622237 076622245 076622252 076622260 076622278 076622336 076622344 076622351 076622369
076622377 076622385 076622443 076622450 076622468 076622476 076622484 076622492 076622559 076622567
076622583 076622591 076622609 076622666 076622674 076622682 076622690 076622708 076622716 076622831
076622849 076622856 076622864 076622872 076622880 076622955 076622963 076622971 076622989 076622997
076623003 076623011 076623029 076623037 076623045 076623052 076623060 076623078 076623086 076623094
076623102 076623110 076623128 076623136 076623144 076623151 076623169 076623177 076623185 076623193
076623201 076623219 076623227 076623235 076623243 076623250 076623268 076623276 076623284 076623292
076623300 076623318 076623326 076623334 076623342 076623409 076623417 076623425 076623433 076623441
076623458 076623466 076623474 076623482 076623490 076623508 076623516 076623706 076623714 076623722
076623730 076623748 076623755 076623763 076623771 076623789 076623797 076623805 076623813 076623821
076624001 076624019 076624027 076624035 076624100 076624118 076624126 076624134 076624209 076624217
076624225 076624233 076624258 076624266 076624274 076624282 076624308 076624803 076624811 076624829
076624837 076624845 076624902 076624910 076624928 076625180 55841440 55841960 55844469

Materials Safety Data Sheet

According to the regulation (EC) No. 1907/2006 (REACH)



Product Name: inCoris ZI, TZI and meso

Valid from: 09.09.2011

Replaces the version from: 01/2007

Printing date: 29.11.2011

1 Product and Company Identification

Product Name: inCoris ZI, inCoris TZI and inCoris ZI meso

Manufacturer/Supplier:

Sirona Dental Systems GmbH

Fabrikstr. 31

64625 Bensheim

+49 (0)6251/16 3440

+49 (0)6251/16 2935

Emergency No.: +49 (0)6251/16 0

2 Potential Hazards

Indication of danger and hazards information for human and environment: none

3 Chemical Composition/Information on Ingredients

Chemical characterization:

Name of the substances: Zirconia ceramics

CAS Nr.: 1314-23-4

Chemical formula: ZrO_2

EINECS-No.: -

EC-No.: 215-227-2

Symbol: not applicable

R-phrases: none

Additional remarks: none

4 First aid measures

General information: No special measures required.

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Rinse with warm water.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: If symptoms persist consult doctor.

5 Fire fighting measures

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

Protective equipment: No special measures required.

6 Accidental release measures

Person-related safety precautions: Not required.

Measures for environmental protection:

Do not allow product to reach sewage system or any water course.

Measures for cleaning/collecting: Pick up mechanically.

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7 Handling and storage

Handling

Information for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Provide suction extractors if dust is formed.

Information about fire - and explosion protection: No special measures required.

Storage

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

8 Exposure controls and personal protection gear

Additional information about design of technical facilities:

No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

Zirconium dioxide:

CAS-No.: 1314-23-4

EC-No.: 215-227-2

MAC Short-term value: 10 mg/m³

MAC Long-term value: 5 mg/m³

Additional information: The lists valid during the making were used as basis.

Personal protective equipment

General protective and hygienic measures

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: In case of dust formation use respiration filter

Protection of hands: Not required.

Material of gloves -

Penetration time of glove material -

Eye protection: Safety glasses

9 Physical and chemical properties

General Information

Form: Solid.

Color: White

Odor: Odorless

Change in condition

Melting point/Melting range: undetermined

Boiling point/Boiling range: undetermined

Flash point: Not applicable

Self-igniting: Product is not self igniting.

Danger of explosion: Product does not present an explosion hazard.

Density at 20°C: 3.3 g/cm³

Solubility in / Miscibility with

Water: Insoluble

Organic solvents: 0.0 %

Solids content: 100.0 %

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10 Stability and reactivity

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Dangerous reactions: No dangerous reactions known

Dangerous decomposition products: No dangerous decomposition products known

11 Toxicological information

Acute toxicity:

Primary irritant effect:

On the skin: No irritant effect.

On the eye: No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information: The product is not subject to classification. Classification Guidelines for Preparations as issued. When used and handled according to specifications, experience and the information provided to us

12 Ecological information:

General notes:

At present there are no ecotoxicological assessments.

Do not allow product to reach ground water, water course or sewage system.

13 Disposal considerations:

Product:

Recommendation: Disposal must be made according to official regulations.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

14 Transport information

Land transport ADR/RID (cross-border)

ADR/RID class: -

Maritime transport IMDG:

IMDG Class: -

Marine pollutant: No

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: -

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15 Regulations

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

Safety phrases:

29 Do not empty into drains.

National regulations: Water hazard class: undetermined

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.