

SAFETY DATA SHEETS

This SDS packet was issued with item:

076622450

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 070393595
070393603 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 076622468 076622476
076622484 076622559 076622567 076622583 076622591 076622609 076622666 076622674 076622682 076622690
076622708 076622716 076622831 076622849 076622856 076622864 076622872 076622880 076622955 076622963
076622971 076622989 076622997 076624803 076624811 076624829 076624837 076624845 076624910 076624928

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

070393587 076624019

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: ZrO₂

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.