

# Material safety data sheet imes - icore GmbH

According to EC Directive (EG) No. 1907/2006

Date of issue: 07.04.2014

Date of print: 07.04.2014

Version: 1.2

Page 1 / 3

## 1. Product and company identification

**Trade name:** CORiTEC Zr transpa Disc  
CORiTEC Zr transpa light Disc  
CORiTEC Zr transpa medium Disc  
CORiTEC Zr transpa intense Disc  
CORiTEC Zr transpa low chromatic Disc  
CORiTEC Zr transpa high chromatic Disc

**Utilisation:** Dental ceramic  
**Manufacturer:** imes - icore GmbH  
Im Leibolzgraben 16, D- 36132 Eiterfeld  
**Telephone:** +49 (0) 6672 898-465  
**Telefax:** +49 (0) 6672 898-223  
**Information:**  
**E-Mail-adresse:** info@imes-icore.de  
**Emergency contact number:** Giftnotrufzentralen  
(Vorwahl) 19240  
Vorwahl-Nrn. +49 (0)551; (0)6841; (0)89; (0)6131; (0)30; (0)761

## 2. Hazards identification

No hazardous product according to Regulation EC 1907/2006 and EC 67/548. Do not inhale dust.

## 3. Composition / information and ingredients

Zirconium dioxide

### Chemical characterisation:

<u>Component</u>	<u>Amount in Wt.- %</u>	<u>CAS -Nr.</u>	<u>EINECS-Nr.</u>	<u>Risk Phrases</u>
Zirkoniumoxid	70-100	1314-23-4	215-227-2	-
Aluminiumoxid	0-1%	1344-28-1	215-691-6	-
Yttriumoxid	3-15	1314-36-9	215-233-5	-
Haffniumoxid	1-5	12055-23-1	235-013-2	-

## 4. First- aid measures

### Inhalation:

No special measures required. Supply fresh air; consult doctor in case of complaint.

### Skin contact:

Rinse thoroughly with water.

### Eye contact:

Rinse eye for several minutes under running water.

### Ingestion:

Rinse mouth with water and seek medical attention.

### Further medical treatment:

-

## 5. Fire- fighting measures

### Flammability of the product:

Not combustible.

### Suitable extinguishing media:

Water spray, foam, carbon dioxide, dry powder.

### Further measure:-

# Material safety data sheet imes - icore GmbH

According to EC Directive (EG) No. 1907/2006

Date of issue: 07.04.2014

Date of print: 07.04.2014

Version: 1.2

Page 2 / 3

## 6. Accidental release measures

### Person-related safety precautions:

No special measures required.

### Cleaning measures:

Clean mechanically with appropriate cleaning agent.

## 7. Handling and storage

### Handling

#### Information for safe handling:

According to manufactures information.

### Storage

#### Store rooms requirement and receptacle:

Product must be stored in original container.

## 8. Exposure control and personal protection

### General protective measures:

#### Ingredients with limit values that require monitoring at the work-place:

Ceramic dust 3 mg/m<sup>3</sup>.

### Technical protective measures:

Object suction

### Occupational exposition limits:

### Personal protective equipment:

#### Respiratory protection:

Dust mask or any respiratory protective device with particle filter.

#### Hand protection:

Wear protective gloves.

#### Eye protection:

Safety glasses.

#### Skin and body protection:

Not required.

#### Hygiene measures:

Typical occupational hygiene is required.

## 9. Physical and chemical properties

### General Information

Form:	solid disc
Colour:	white
Odour:	odourless
Flash point:	not applicable
Auto ignition temperature:	not applicable
Danger of explosion:	not applicable
Powder Density:	19000Kg/m <sup>3</sup>
Solubility in water:	insoluble
pH-value at 20°C:	not applicable
Hazardous reactions:	none
Additional information:	product is not self igniting

## 10. Stability and reactivity

### Thermal decomposition / Conditions to be avoided:

Stable under normal conditions of use.

### Dangerous Reaction:

No dangerous reaction known.

### Dangerous decomposition products:

None.

# Material safety data sheet imes - icore GmbH

According to EC Directive (EG) No. 1907/2006

Date of issue: 07.04.2014

Date of print: 07.04.2014

Version: 1.2

Page 3 / 3

## 11. Toxicological information

### Acute toxicity:

Respiratory irritation, do to the inhalation of dust.

### Additional toxicological information:

No specific toxicological data known.

## 12. Ecological information

No negative impact on ecology; not hazardous for the environment.

## 13. Disposal considerations

### Product:

If recycling is impossible, dispose in accordance with local, state, and federal regulations for relatively non-toxic materials.

## 14. Transport information

No dangerous substance according to the transport regulation.

Land transportation ARD/RID :

Sea ship/freight transportation IMG/GGVSea:

Air transportation ICAO-TI and IATA-DGR:

## 15. Regulatory information

### Labelling in accordance with EC directives:

The product is not subject to identification regulations under EU Directives.

### National regulations:

**Water hazard regulations:** Not hazardous for water.

## 16. Other information

### Further applicable EC-Regulations:

REACH-Regulation (EC) No. 1907/2006

Directive 2006/8/EC

Directive 2006/121/EC

**MSDS issuing dept:** imes - icore GmbH, Tel. +49 (0) 6672 898-460

This information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.