

Z – CAD Blanks

Trade name:

Reviewed on 11.03.2008 SK/RH

Printing date 11.03.2008

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1 Identification of substance

Product details:

Trade name:

Z-CAD Blanks

Manufacturer/Supplier:

Metoxit AG

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Switzerland

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2 Composition / Data on components

Chemical characterization:

CAS No. Description

		CAS – Nr.:	EC – Nr.:
79 – 97 %	Zirconiumoxide	1314 – 23 – 4	215 – 222 – 7
3 – 15 %	Yttriumoxide	1314 – 36 – 9	215 – 233 – 5
< 5 %	Hafniumoxide	12055 – 23 – 1	235 – 013 – 2

Product: *ceramic solid-state body containing oxide and attachment (some variants)***3 Hazard identification**

Hazard description:

*not applicable***4 First aid measures**

General information:

no special measures required

After inhalation:

Supply fresh air

After skin contact:

Rinse with warm water

After eye contact:

Rinse opened eye for server al minutes under running water

After swallowing:

*Seek medical advice***5 Fire fighting measures**

Suitable extinguishing agents:

Use fire extinguishing methods suitable to surrounding conditions

Protective equipment:

*no measures required***6 Accidental release measures**

Person-related safety precautions:

not required

Measures for environmental protection:

no measures required

Measures for cleaning/collecting:

Pick up mechanically

Additional information:

No hazardous substances are released

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7 Handling and storage

Handling

Information for safe handling:

*Prevent formation of dust
Provide suction extractors if dust is formed*

Information about fire- and explosion protection:

no measures required

Storage

Requirements to be met by storerooms and receptacles:

no requirements

Information about storage in one common storage facility:

no requirements

Further information about storage conditions:

none

8 Exposure controls and personal protection gear

Additional information about design of technical facilities:

none

Ingredients with limit values that require monitoring at the workplace:

not applicable

Additional information:

none

Personal protective equipment:

Respiratory protection:

Ventilation of working area is recommended

Protection of hands:

Protective gloves

Material of gloves:

no requirements

Penetration time of glove material: *not applicable*

9 Physical and chemical properties

General Information:

Form: *Solid*

Colour: *White*

Odour: *Odourless*

Change in condition:

Melting point / Melting range ceramic: *2`400° C*

Boiling point / Boiling range: *undetermined*

Flash point:

not applicable

Danger of explosion:

product does not present an explosion hazard

Density:

not determined

Solubility in / Miscibility with:

Water: *no solubility*

Organic solvents: *no solubility*

Solids content:

100 %

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10 Stability and reactivity

Thermal decomposition / conditions to be avoided:

no decomposition

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 does not have any harmful effects.

12 Ecological information

General notes:

At present there are no ecotoxicological assessments

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

Maritime transport IMDG:

Marine pollutant:

no

15 Regulations

Labelling according to EU guidelines:

The substance is not subject to classification according to EU lists and other sources of literature known to us. The product is not subject to identification regulations under EU directives and the Ordinance on Hazardous Materials (German GefStoffV)

National regulations:

Waterhazard class:

undermined

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.