
Product name: Ivoclar Vivadent IPS Empress Esthetic Veneer
Statement of Hazardous Nature: This product is classified as: Non Hazardous according to criteria of National Occupational Health and Safety Commission.

Revision: 10.11.2009 Version: 1.0.0
Print date: 10.11.2009

01. Identification of substance, preparation and company

Product name: Ivoclar Vivadent IPS Esthetic Veneer
Use of the substance / preparation: Ceramic
Manufacturer/Supplier: Ivoclar Vivadent AG
Street/P.O.Box: Bendererstrasse 2, FL-9494 Schaan
Country code/Postal code/Town/City: Fürstentum Liechtenstein
Telephone: +(716) 691-0010
Telefax: +423 / 235 35 35 or 373 40 40

Distributor: Ivoclar Vivadent P/L (Australia), 1-5 Overseas Drive, Noble Park North, Victoria 3174
Phone No.: +61 3 9795 9599, Telefax No.: +61-3 9795 9645

Emergency information:
Poisons Information Centre: Dial 13 11 26
24 hours a day, 7 days a week Australia wide

02. Hazards identification

Statement of Hazardous Nature
This product is not classified as: Hazardous according to criteria of National Occupational Health and Safety Commission. Non-Dangerous Goods according to ADG.

Hazard designation:
Classification: Not classified
ADG Classification: not classified
UN Number: not classified

Particular information pertaining specific risk for human and environment
None, if handled according to order.

03. Composition/information on ingredients


Hazardous components
None

Other ingredients determined not be hazardous
Non hazardous ingredients

04. First-aid measures

General
Avoid breathing grinding dust
Immediately remove all contaminated clothing.

After inhalation
Let in fresh air. Call a doctor, should the air passages be affected.

After skin contact
Flush with plenty of water. Melted material presents a special hazard of deep thermal burns. If burn occurs, treat as any thermal burn

After eye contact
Flush with plenty of water (10 - 15 min.). Contact a doctor immediately.

After ingestion
Drink plenty of water. Do not induce vomiting. Contact a doctor immediately.

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05. Fire-fighting measures
   Suitable extinguishing media
   Not combustible under normal conditions. Adapt extinguishing measures to suit the environment.
   Unsuitable extinguishing media
   Waterjet. Do not use direct water stream.
   Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged
   None known
   Special protective equipment
   When extinguishing fires, use breathing apparatus with an independent source of air.

06. Accidental release measures
   Personal precautions
   Wear suitable protective clothing, gloves and eye/face protection.
   Environmental precautions
   Prevent from flowing into surface water/ground water.
   Methods for cleaning up/collection
   Take up with a mechanical source and proceed according to the waste disposal regulations.
   Additional information
   Remove according to regulations.

07. Handling and storage
   Information for safe handling
   Containers to be opened and handled with care. Make sure that ventilation is adequate. Only adequately trained personnel should handle this product. Keep out of reach of children.
   Information about protection against explosions and fires
   No anti-explosion measures necessary.
   Requirements to be met by storerooms and containers
   Keep only in the original container. Store at 12-28 °C. Store in a dry place
   Information about separation of incompatible products
   Store the foodstuffs separately. Sensitive to cold below < 2 °C

08. Exposure controls and personal protection
   Producer Industry recommends an exposure limit of 1.5 mg/m³.
   Additional information about engineering measures
   No particular measures required. Technical measures Provide adequate local ventilation. Control airborne concentration below the exposure guideline. Dust exposure limit: 1.5 mg/m³. Control airborne concentration below the exposure guideline.
   Components with critical values that require monitoring at the workplace (exposure limits)
   Dust and Vapours Vapour pressure not applicable (20°C)
   Specification : TWA (AUS)
   Value : MAK 0.0 mg/m³
   Personal protective equipment
   Do not eat or drink during work - no smoking. Keep away from food, drink and animal feeding stuff. Avoid contact with skin and eyes. Respiratory protection In dusty atmospheres, use an approved dust respirator P2. If metal fumes are present, use an approved high-efficiency particulate respirator (P3).
   Respiratory protection
   Provide for good ventilation. Respiratory protection Respiratory Protection. Avoid inhalation of dust while grinding. In dusty atmospheres, use an approved dust respirator
   Hand protection
   Short-term exposure (< 30 min): disposable gloves, e.g. nitrile rubber, material thickness 0.1 mm (Australian Standard 2161).
   Long-term exposure (Level 6: < 480 min): protective gloves, e.g. nitrile rubber, material thickness 0.7 mm (Australian Standard 2161).
Material Safety Data Sheet
according to NOHSC:2011(2003)

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Eye protection
Use tightly fitting safety glasses (Australian Standard AS 1336 and AS/NZS 1337).

Body protection
No particular measures required.

09. Physical and chemical properties

Image
Form: powder
Colour: different
Odour: odourless

Relevant safety data
Melting point / range: (1013 hPa) not applicable °C
Casting point / range: (1013 hPa) ca. not applicable °C
Flash point: not applicable °C
Ignition temperature: not applicable °C
Lower explosion limit: not applicable % b.v.
Upper explosion limit: not applicable % b.v.
Density: (20 °C) not applicable g/cm³
Solubility in water: (20 °C) non Soluable % b.w.

10. Stability and reactivity

Conditions to avoid
None, if handled according to order.

Materials to avoid
None known.

Hazardous decomposition products
None if used in accordance with instructions.

11. Toxicological information

Toxicological tests
No adverse effects anticipated by this route of exposure incidental to proper industrial handling
Primary irritant effect
No data available
Sensitization
No data available.

Experience on practice
No data available

12. Ecological information

No ecological problems to be anticipated if properly handled and used.

Details on elimination (persistence / degradibility)
Abiotical elimination
No data available.
Biological degradation / elimination
No data available.

Fate in environmental compartments
There are no data available on the preparation itself.

Ecotoxic effects
Performance in sewage-treatment plants
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No data available.

13. Disposal considerations

Product   EU waste key 02.08.09
Concentrate: The cleaned-up material must be disposed of in accordance with Federal, State or Local regulations.

Contaminated packaging
Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant.
Un cleaned packaging must be disposed of in the same manner as the medium.

14. Transport information

Product is not classified for any mode of transportation

Land transport ADG
Classification
Class : - ADR     RID

Maritime transport IMDG
Classification
- EMS UN
  Number
  Packing
  Group
  MFAG
  Proper
  shipping
  name ADNR

IMDG-Code :

Air transport ICAO-TI and IATA-DGR
Classification
- ICAO / IATA-DGR
  UN ICAO / IATA-DGR
  Proper shipping name
  UN Number

15. Regulatory information

Classification This product does not require classification according to the criteria of the EC. The product is a medical device according to the EC-directive 93/42
Danger symbol and danger designation
Not required.

Hazard-determining components of labelling
None : MAK value 0.0 mg/m³ ml/m³ (ppm)

R-phrases
43      May cause sensitisation by skin contact.
36/37/38 Irritating to eyes, respiratory system and skin.

S-phrases
37/39 Wear suitable gloves and eye/face protection.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16. Other information

Processing instructions / technical data sheets
Please observe the label/directions for use!

Further information
This is a medical device classified under the requirements of EU and TGA. Complies with ISO 8891, ISO 9693

Contact
Dr. Peter Lobo

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
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