

# Material Safety Data Sheet

IPS e.max Press



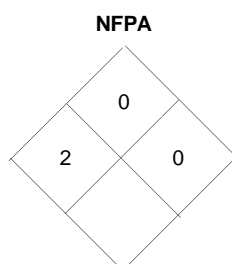
Date of issue / Reference 21.12.2011 liprt / Version 3  
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Company Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan  
Principality of Liechtenstein

## 1 Commercial product name and supplier

1.1 Commercial product name / Designation **IPS e.max Press**



HMIS	
H	2
F	0
R	0
C	

1.2 Application / Use Press ceramic ingot

1.3 Producer Ivoclar Vivadent AG, Bendererstrasse 2, 9494 Schaan  
Principality of Liechtenstein (FL)

1.4 Supplier Ivoclar Vivadent, Inc.  
175 Pineview Drive, Amherst NY 14228, USA  
2785 Skymark Ave., Unit 1 Mississauga, ON L4W4Y3, Canada  
MSDS prepared by Andejeet Gulati. Tel. No. 716 691-0010

1.5 24 Hour Emergency Assistance Emergency-Call USA- Infotrac: 1-800-535-5053  
Emergency-Call Canada - Canutec: 1-613-996-6666

General MSDS Assistance US: 1-800-533-6825  
Canada: 1-800-263-8182

## 2 Composition

2.1 Chemical characterization Ceramic ingots made of: >57% SiO<sub>2</sub>, Li<sub>2</sub>O, K<sub>2</sub>O, P<sub>2</sub>O<sub>5</sub>, ZrO<sub>2</sub>, ZnO, Al<sub>2</sub>O<sub>3</sub>, MgO, La<sub>2</sub>O<sub>3</sub> and pigments

2.2 Hazardous components None.

2.3 Further information None.

3 **Hazards identification** Grinding dust (see 8.3.1).

## 4 First aid measures

4.1 Eye contact No specific requirements.

4.2 Skin contact No specific requirements.

4.3 Ingestion No specific requirements.

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4.4 Inhalation No specific requirements.  
4.5 Further information None.

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## 5 Fire-fighting measures

5.1 Suitable extinguishing media No specific requirements.  
Not combustible.  
5.2 Extinguishing media to avoid None.  
5.3 Flash point not applicable  
5.4 Ignition temperature not applicable  
5.5 Explosion limits Lower:  
Upper:  
not applicable  
5.6 Further information None.

Test method:

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## 6 Accidental release measures

Clean up mechanically.  
Dispose of according to local and national regulations.

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## 7 Handling and storage

7.1 Handling Only adequately trained personnel should handle this product.  
Keep out of reach of children.  
7.2 Industrial hygiene Usual hygienic measures for dental practice.  
When using, do not eat, drink or smoke.  
7.3 Storage Store in a dry place.  
7.4 Place of storage  
7.5 Fire- and explosion-protection None.

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## 8 Exposure controls / Personal protection

8.1 Technical measures Provide adequate local ventilation.  
8.2 Control of threshold limits None established.  
8.3 Personal protective equipment  
8.3.1 Respiratory protection Avoid breathing dust.  
Respiratory Protection. Avoid inhalation of dust while grinding.  
In dusty atmospheres, use an approved dust respirator.  
8.3.2 Hand protection Not required.

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8.3.3 Eye protection Eye protection should not be necessary.  
8.3.4 Other None.

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## 9 Physical and chemical properties

9.1 Appearance Ingot  
9.2 Colour tooth shaded  
9.3 Odour odourless  
9.4 Change of physical state Test method:  
9.5 Density not known  
9.6 Vapour pressure not applicable  
9.7 Viscosity not applicable  
9.8 Solubility  
Solubility in water non soluble  
9.9 pH not applicable  
9.10 Further information None.

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## 10 Stability and reactivity

10.1 Thermal decomposition None.  
10.2 Hazardous decomposition products None.  
10.3 Hazardous reactions None.  
10.4 Further information None.

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## 11 Toxicological information

11.1 Acute toxicity This product is not hazardous according to EEC criteria.

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11.2 Subacute / Chronic toxicity No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

11.3 Further information None.

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**12 Ecological information** No ecological problems to be anticipated if properly handled and used.  
non soluble

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**13 Disposal considerations** Take to an approved landfill or a waste incineration plant, under conditions approved by the local authority.

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## 14 Transport information

14.1 Transport at land ADR --- RID ---

UN Number --- Kemler Number ---  
Packing Group ---  
Proper shipping name ---

14.2 Transport at sea ADNR --- IMDG ---

UN Number ---  
EMS --- MFAG ---  
Packing Group ---  
Proper shipping name ---

14.3 Air transport ICAO / IATA-DGR ---  
UN Number ---  
Proper shipping name ---

Subsidiary Risk ---  
Labels ---  
Packing Group ---

Passenger airplane Packing Instructions ---

max. ---  
Cargo Airplane Packing Instructions ---

max. ---

14.4 Further information Product is not classified as a dangerous good for transport.

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**15 Regulatory information** The product is a medical device according to the EC-directive 93/42/EEC.  
This product is classified as a medical device under US and Canadian regulations and has been reviewed by the US Food and Drug Administration and Health Canada.  
This product does not require classification as Dangerous Goods.

15.1 National regulations

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15.2 NFPA Storage

15.3 Further information None.

**16 Other information** No other information.

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*The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications do not have the meaning of guarantees on properties.*

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