

Material Safety Data Sheet

IPS InLine System Pastes



Date of issue / Reference 14.02.2011 liprt
Replaces version of 19.05.2010 liprt / v3
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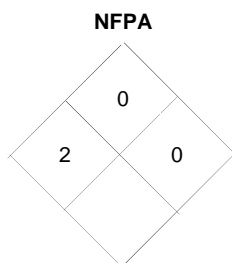
Company Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan
Fürstentum Liechtenstein

1 Commercial product name and supplier

1.1 Commercial product name /
Designation

IPS InLine System Pastes

**Stains, Shades, Glaze material, Opaquer,
Intensiv Opaquer, Gingiva Opaquer**



HMIS	
H	2
F	0
R	0

1.2 Application / Use

Ceramic

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 Anderjeet 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

Pastes made of:
70 % Ceramic powder and pigments
30 % Glycole
Pastes made of:
70 % Ceramic powder and pigments
30 % Glycole

2.2 Hazardous components

None.

2.3 Further information

None.

3 Hazards identification

Grinding dust (see 8.3.1).

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4 First aid measures

- | | | |
|-----|---------------------|---|
| 4.1 | Eye contact | Flush eyes with plenty of water; mechanical effects only. |
| 4.2 | Skin contact | Wash thoroughly with soap and water. |
| 4.3 | Ingestion | Give large amounts of water. |
| 4.4 | Inhalation | Take into fresh air. |
| 4.5 | Further information | None. |
-

5 Fire-fighting measures

- | | | |
|-----|------------------------------|---|
| 5.1 | Suitable extinguishing media | No specific requirements. |
| 5.2 | Extinguishing media to avoid | None. |
| 5.3 | Flash point | Test method: |
| 5.4 | Ignition temperature | Not applicable. |
| 5.5 | Explosion limits | Lower:
Upper:
not applicable |
| 5.6 | Further information | While burning it produces carbon dioxide and carbon monoxide. |
-

6 Accidental release measures

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

7 Handling and storage

- | | | |
|-----|--------------------------------|---|
| 7.1 | Handling | Only adequately trained personnel should handle this product. |
| 7.2 | Industrial hygiene | Usual hygienic measures for dental practice. |
| 7.3 | Storage | Store at 2-28 °C / 36-82 °F |
| 7.4 | Place of storage | Store in a dry place. |
| 7.5 | Fire- and explosion-protection | Not required. |
-

8 Exposure controls / Personal protection

- | | | |
|-------|--------------------------------|--|
| 8.1 | Exposure controls | Provide adequate local ventilation. |
| 8.2 | Exposure limit values | Producer Industry recommends an exposure limit of 1.5 mg/m3. |
| 8.3 | Occupational exposure controls | |
| 8.3.1 | Respiratory protection | Respiratory Protection. Avoid inhalation of dust while grinding. |

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Do not breathe vapour.
In dusty atmospheres, use an approved dust respirator.

8.3.2 Hand protection

Not required.

8.3.3 Eye protection

Safety goggles.

8.3.4 Other

None.

8.4 Environmental exposure controls

9 Physical and chemical properties

9.1 Appearance

Paste

9.2 Colour

various

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

partially miscible

9.9 pH

not known

9.10 Further information

Part. coeff. n-octanol/water

Evaporat. rate

None.

10 Stability and reactivity

10.1 Thermal decomposition

None.

10.2 Hazardous decomposition products

None.

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10.3 Conditions / materials to avoid None.

10.4 Further information None.

11 Toxicological information

11.1 Acute toxicity

11.2 Subacute / Chronic toxicity Excessive exposure may cause eye and respiratory irritation.

11.3 Further information None.

12 Ecological information

12.1 Ecotoxicity No data available.

12.2 Mobility No data available.

12.3 Persistence and degradability No data available.

12.4 Bioaccumulative potential No data available.

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

13 Disposal considerations

Take to a special waste incineration plant, in line with local regulations.

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 ---

Marine pollutant

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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.

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

15.2 NFPA Storage

15.3 Further information

None.

16 Other information

No other information.

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.

