

Material Safety Data Sheet

IPS InLine System Glaze and Stains Liquid



Date of issue / Reference

14.02.2011

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Replaces version of

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Sheet No. 1589

Version 7

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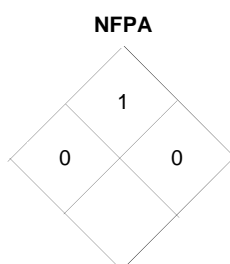
Company

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 Glaze and Stains Liquid



HMIS	
H	0
F	1
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

Butanediol (CAS No. 107-88-0)

2.2 Hazardous components

None.

2.3 Further information

None.

3 Hazards identification

None, if used in accordance to instructions.

4 First aid measures

4.1 Eye contact

Flush eyes with plenty of water (10-15 min.). Call a physician.

4.2 Skin contact

Wash thoroughly with soap and water.

4.3 Ingestion

After ingestion call a physician immediately and show this safety data sheet.

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4.4	Inhalation	Remove to fresh air. If respiratory irritation is experienced, call a physician.
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4.5	Further information	Remove contaminated clothing.
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5 Fire-fighting measures

5.1	Suitable extinguishing media	Water fog, carbon dioxide, foam, dry chemicals.
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5.2	Extinguishing media to avoid	Do not use direct water stream.
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Test method:

5.3	Flash point	231 °F
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5.4	Ignition temperature	770 °F
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5.5	Explosion limits	Lower: 3.2 Vol% Upper: 53 Vol%
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5.6	Further information	
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6	Accidental release measures	Clean up with absorbent material such as sawdust, diatomaceous earth or universal absorbents. Do not allow to flow off into the drains or waters. 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.
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7.2	Industrial hygiene	Avoid eye and skin contact. Usual hygienic measures for dental practice.
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7.3	Storage	Keep containers tightly closed. Store at 2-28 °C / 36-82 °F
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7.4	Place of storage	Store in a dry place.
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7.5	Fire- and explosion-protection	Not required.
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8 Exposure controls / Personal protection

8.1	Exposure controls	Control airborne concentration below the exposure guideline.
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8.2	Exposure limit values	
-----	-----------------------	--

8.3	Occupational exposure controls	
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8.3.1	Respiratory protection	Not required.
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8.3.2	Hand protection	Gloves.
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8.3.3 Eye protection

Safety goggles.

8.3.4 Other

Eye wash fountain should be located in immediate work area.

8.4 Environmental exposure controls

9 Physical and chemical properties

9.1 Appearance

liquid

9.2 Colour

transparent, colourless

9.3 Odour

practically odourless

9.4 Change of physical state

Test method:

Melting point

Boiling point

9.5 Density

1.006 g/cm³ (25°C)

9.6 Vapour pressure

0.1 mbar (20°C)

9.7 Viscosity

21 mPa s

9.8 Solubility

Solubility in water

soluble

9.9 pH

ca. 7

9.10 Further information

Part. coeff. n-octanol/water

Evaporat. rate

None.

10 Stability and reactivity

10.1 Thermal decomposition

None, if used in accordance to instructions.

10.2 Hazardous decomposition products

None under normal conditions of storage and use.

10.3 Conditions / materials to avoid

None, if used in accordance to instructions.

10.4 Further information

None.

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11 Toxicological information

11.1 Acute toxicity

11.2 Subacute / Chronic toxicity

Inhalation: may cause dizziness, headache and nausea.
Excessive exposure may cause eye, skin and respiratory irritation.

11.3 Further information

Excessive exposure may cause eye and respiratory irritation.

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 requires classification according to the criteria of the "Gefahrstoffverordnung".

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.

