Material Safety Data Sheet

Platinum Foil
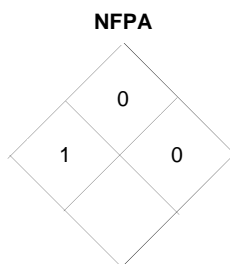
ivoclar vivadent

Date of issue / Reference	12.10.2009	liprt		
Replaces version of	01.10.2007	lise / Version 2		
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Company   Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan
Fürstentum Liechtenstein

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1   Commercial product name and supplier

1.1   Commercial product name / Designation   **Platinum Foil**

NFPA

	0	
1		0

HMIS	
H	1
F	0
R	0

1.2   Application / Use   Platinum Foil

1.3   Producer   Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan
Fürstentum Liechtenstein
msds@ivoclarvivadent.com

1.4   Supplier   Ivoclar Vivadent, Inc.
175 Pineview Drive, Amherst NY 14228, USA
2785 Skymark Ave., Unit 1 Mississagua, 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

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2   Composition

2.1   Chemical characterization   > 99% Platinum (CAS-No. 7440-06-4)

2.2   Hazardous components   None.

2.3   Further information   None.

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3   Hazards identification   None.

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4   First aid measures

4.1   Eye contact   Flush eyes with plenty of water. Call a physician.

4.2   Skin contact   No specific requirements.

4.3   Ingestion   Seek medical advise.

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4.4	Inhalation	Take into fresh air. If you feel unwell, seek medical advice (show this safety data sheet).
4.5	Further information	None.

5   Fire-fighting measures

5.1	Suitable extinguishing media	This material is non-combustible. For surrounding fires use appropriate extinguishing agent. Do not use water to extinguish fires around operations involving molten metal, due to the potential for steam explosion.
5.2	Extinguishing media to avoid	Do not use direct water stream.
		Test method:
5.3	Flash point	Non-flammable as a solid
5.4	Ignition temperature	not known
5.5	Explosion limits	Lower: Upper: Not known.
5.6	Further information	Self-contained breathing apparatus should be worn when fighting metal dust fires. High levels of dust or fine particles in the air may ignite or explode.

6	**Accidental release measures**	Clean up mechanically.

7   Handling and storage

7.1	Handling	Only adequately trained personnel should handle this product.
7.2	Industrial hygiene	Usual hygienic measures are necessary.
7.3	Storage	Store in a dry area. Do not store adjacent to acids.
7.4	Place of storage	No specific requirements.
7.5	Fire- and explosion-protection	None.

8   Exposure controls / Personal protection

8.1	Exposure controls	Ensure adequate venting.
8.2	Exposure limit values	None established.
8.3	Occupational exposure controls	
8.3.1	Respiratory protection	Avoid breathing dust.
8.3.2	Hand protection	Gloves

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8.3.3	Eye protection	Safety goggles
8.3.4	Other	None.
8.4	Environmental exposure controls	Not relevant.

9 Physical and chemical properties

9.1	Appearance	solid	
9.2	Colour	silvery	
9.3	Odour	none	
9.4	Change of physical state		Test method:
	Melting point		
		1772°C / 3221°F	
	Boiling point		
		3827°C / 6920°F	
9.5	Density	21.45 g/cm³	
9.6	Vapour pressure		
		varies	
9.7	Viscosity		
		not known	
9.8	Solubility		
		insoluble in water	
9.9	pH		
		Not applicable.	
9.10	Further information		
	Part. coeff. n-octanol/water		
	Evaporat. rate		

10 Stability and reactivity

10.1	Thermal decomposition	None, if used in accordance to instructions.
10.2	Hazardous decomposition products	None, if used in accordance to instructions.
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	None.
11.2	Subacute / Chronic toxicity	none known
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 specific ecological effects.

13 Disposal considerations

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

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			

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   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.

15.1   National regulations

15.2   NFPA Storage   ---

15.3   Further information

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.