

EU Safety Data Sheet

AdheSE Primer



Date of issue / Reference	26.10.2010	liprt		
Replaces version of	27.09.2007	lise / v4		
Date of printing	27.10.2010	Sheet No. 1492	Version 5	Page 1 of 6
	Edited		Deleted	

Company Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan
Fürstentum Liechtenstein

1 Commercial product name and supplier

1.1 Commercial product name / Designation **AdheSE Primer**

1.2 Application / Use Primer

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

Supplier

1.4 TOX emergency number

Official Emergency-Call: +423 / 235 33 13
Ivoclar Vivadent AG, FL-9494 Schaan, Liechtenstein

2 Hazards identification

Irritating to eyes, skin and mucous membranes. May cause sensitization by skin contact.

3 Composition

3.1 Chemical characterization Mixture of dimethacrylat, phosphonic acid acrylate, water, initiators and stabilizers

3.2 Hazardous components
CAS No. 223681-84-3 < 40 % Phosphonic acid acrylate
Xi: Irritant. R43: May cause sensitisation by skin contact. R36/38: Irritating to eyes and skin.

3.3 Further information None.

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 water.

4.3 Ingestion After ingestion call a physician immediately and show this safety data sheet. Give large amounts of water.

4.4 Inhalation Take into fresh air.

4.5 Further information Remove contaminated clothing.

EU Safety Data Sheet

AdheSE Primer



Date of issue / Reference

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Replaces version of

27.09.2007

lise / v4

Date of printing

27.10.2010

Sheet No. 1492

Version 5

Page 2 of 6

Edited

Deleted

5 Fire-fighting measures

- | | | |
|-----|------------------------------|---------------------------|
| 5.1 | Suitable extinguishing media | No specific requirements. |
| 5.2 | Extinguishing media to avoid | None. |
| 5.3 | Further information | None. |

6 Accidental release measures

Clean up with absorbent material.
Clean area with large amounts of water.
Prevent skin and eye contact.

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.
Practice care and caution to avoid skin and eye contact. |
| 7.3 | Storage | Store at 2-28 °C / 36-82 °F |
| 7.4 | Place of storage | Do not store in open sunshine. |
| 7.5 | Fire- and explosion-protection | Keep away from heat source. |

8 Exposure controls / Personal protection

- | | | |
|-------|---------------------------------|---|
| 8.1 | Exposure controls | Good general ventilation should be sufficient. |
| 8.2 | Exposure limit values | None established. |
| 8.3 | Occupational exposure controls | |
| 8.3.1 | Respiratory protection | Respiratory Protection. |
| 8.3.2 | Hand protection | Gloves.
Commercial medical gloves do not provide protection against the sensitizing effect of methacrylates.
Check penetration time for the specific gloves used with the glove manufacturer. |
| 8.3.3 | Eye protection | Eye wash fountain should be located in immediate work area.
Safety goggles or face-shield. |
| 8.3.4 | Other | None. |
| 8.4 | Environmental exposure controls | Not applicable. |
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EU Safety Data Sheet

AdheSE Primer



Date of issue / Reference	26.10.2010	liprt		
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Date of printing	27.10.2010	Sheet No. 1492	Version 5	Page 3 of 6
	Edited		Deleted	

9 Physical and chemical properties

9.1 Appearance	liquid	
9.2 Colour	yellowish	
9.3 Odour	characteristic	
9.4 Change of physical state		Test method:
	not applicable	
9.5 Density		
	Not known.	
9.6 Vapour pressure		
	not applicable	
9.7 Viscosity		
	not known	
9.8 Solubility		
Solubility in water	partially miscible	
9.9 pH	1.7	
9.10 Flash point	> 100 °C	
9.11 Ignition temperature		
	Not applicable.	
9.12 Explosion limits	Lower:	
	Upper:	
	not applicable	
9.13 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	Avoid excessive heat and direct sunlight.
10.4 Further information	Avoid exposure to light.

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AdheSE Primer



Date of issue / Reference	26.10.2010	liprt		
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Date of printing	27.10.2010	Sheet No. 1492	Version 5	Page 4 of 6
	Edited		Deleted	

11 Toxicological information

11.1	Acute toxicity	Mutagenity: negative (Ames-Test, Maus Micronucleus- and Maus Lymphoma-Test) Mucous membranes: irritating. Prevent skin and eye contact.
11.2	Subacute / Chronic toxicity	Uncured material: prolonged or frequently repeated skin contact may cause allergic skin reactions.
11.3	Further information	None.

11.3	Further information	None.
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12 Ecological information

12.1	Ecotoxicity	No relevant information is available. No risk expected.
12.2	Mobility	No risk expected.
12.3	Persistence and degradability	No risk expected.
12.4	Bioaccumulative potential	No risk expected.
12.5	Further information	No specific ecological effects. German "Wassergefahrdungs Klasse (WGK)": 1

13 Disposal considerations

		Take to an approved landfill or a waste incineration plant, under conditions approved by the local authority.
13.1	EU waste key	18 01 06

14 Transport information

14.1	Transport at land	ADR	---	RID	---
		UN Number	---	Kemler Number	---
		Packing Group	---		
		Proper shipping name	---		

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	Edited		Deleted	


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.			

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.

15.1	UN number	---
15.2	National regulations	

15.3	EINECS/ELINCS number	---
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15.4	Hazard symbols	Xi 
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15.5	Hazard designation	Xi: Irritant. Contains Phosphonic acid acrylate.
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15.6	Risk phrases	R: 43-36/38 43 May cause sensitisation by skin contact. 36/38 Irritating to eyes and skin.
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15.7	Safety phrases	S: 2-26-28-24/25-37/39 2 Keep out of the reach of children. 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advise. 28 After contact with skin, wash immediately with plenty of water and soap.
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	Edited		Deleted	

	24/25	Avoid contact with skin and eyes.
	37/39	Wear suitable gloves and eye/face protection.
15.8	AGW value	--- ml/m ³ (ppm)
15.9	BVD classification (CH)	---
15.10	VbF (D)	---
15.11	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.

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