

SAFETY DATA SHEET (GHS)

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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE/PRODUCT AND MANUFACTURER/IMPORTER**1.1 Product identifier:-**

Product name: | IPS PressVEST Speed Liquid
Product number: | Void

1.2 Other means of identification:-

Not applicable.

1.3 Recommended use of the chemical and restrictions on use:-

Not applicable.

Identified uses: | Auxiliary for dental technology

1.4 Details of the manufacturer and importer:-

Manufacturer: | Ivoclar Vivadent AG
 Bendererstrasse 2
 FL-9494 Schaan
 PRINCIPALITY OF LIECHTENSTEIN
 Tel: +423 235 35 35
 Fax: +423 235 33 60

Importer: | Ivoclar Vivadent Ltd
 12 Omega St, Rosedale, Auckland, New Zealand
 Phone +64 9 914 9999 Fax +64 9 914 9990
 www.ivoclarvivadent.co.nz
 0800 764 766 (National Poison Centre)
 Poisons Hotline (24 hours / 7 days)

1.5 Emergency phone number:**2. HAZARD(S) IDENTIFICATION****2.1 GHS Classification:-**

Void

2.2 GHS Label elements, including precautionary statements:-

Hazard Pictogram: | Void

Signal word: | Void

Hazard-determining components of labelling: | Void

Hazard statements: | Void

Precautionary statements: | Void

2.3 Additional information: Void**Other hazards:-**

Results of PBT and vPvB assessment; | **PBT:** | Not applicable.
 | **vPvB:** | Not applicable.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of substances listed below with nonhazardous additions.

Ingredient name	CAS No.	Classification	Concentration
Void	Void	Void	Void
Description: Water / colloidal silica			

4. FIRST AID MEASURES**4.1 Description of necessary first aid measures:-**

If inhaled: | Supply fresh air; consult doctor in case of complaints.

In case of skin contact: | Rinse with water.

Generally the product does not irritate the skin

In case of eye contact: | Rinse opened eye for several minutes under running water.

If swallowed:

If symptoms persist, consult a doctor
Rinse out mouth and then drink plenty of water.
If symptoms persist consult doctor.
No further relevant information available
No further relevant information available.

4.2 Symptoms caused by exposure:-

4.3 Medical attention and special treatment:-

5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing equipment:-

Suitable extinguishing media:

The product is not flammable.
Use fire extinguishing methods suitable to surrounding conditions.

Unsuitable extinguishing media:

No further relevant information available.
No further relevant information available.

5.2 Specific hazards arising from the substance/mixture/product:-

5.3 Special protective equipment and precautions for fire fighters:-

**Special personal protective equipment:
Precautions:**

No further relevant information available
No further relevant information available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:-

Particular danger of slipping on leaked/spilled product.

6.2 Environmental precautions:-

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and materials for containment and cleaning up:-

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:-

Only adequately trained personnel should handle this product.
For use in dentistry only.

7.2 Conditions for safe storage, including any incompatibilities:-

Store only in the original receptacle.
Protect from frost.
Store in dry conditions

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure control measures:-

Occupational exposure limits:

Component	CAS No.	Value	Parameters	Basis
Void	Void	Void	Void	Void

Ingredients with biological limit values:

8.2 Biological monitoring:-

The lists valid during the making were used as basis.

Exposure controls / Personal protective equipment / General protective and hygienic measures:

Usual hygienic measures for dental practice.
Wash hands before breaks and at the end of work.
Keep away from foodstuffs, beverages and feed.

8.3 Control banding:-

Not determined

8.4 Engineering controls:-
Void

8.5 Individual protection measures include PPE:-
Eye/face protection:



Skin protection:



Respiratory protection:



Safety glasses

Required. Use tightly fitting safety glasses as per Australian Standard AS 1336 and AS/NZS 1337.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. After use of gloves apply skin-cleaning agents and skin cosmetics.

· **Material of gloves**

Butyl rubber, BR
Fluorocarbon rubber (Viton)
Nitrile rubber, NBR
Natural rubber, NR
Chloroprene rubber, CR
Neoprene gloves

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Not required

9. PHYSICAL/CHEMICAL PROPERTIES

9.1 Information on physical/chemical properties:-

a) Appearance/Form:	Fluid
b) Colour:	Whitish
c) Odour:	Odourless
d) Odour threshold:	Not determined.
e) pH value at 20°C:	9 - 10
f) Melting point/melting range:	Not determined
g) Boiling point/boiling range:	> 100 °C
h) Flash point:	Not determined
i) Ignition temperature:	Not determined
j) Self-igniting:	Product is not self-igniting.
k) Danger of explosion:	Not determined.
l) Upper/lower flammability or explosive limits:	Lower Not determined Upper Not determined.
m) Vapour pressure 20°C:	Not determined.
n) Density at 20°C:	1.09 - 1.35 g/cm ³
o) Relative density:	Not determined.

p)	Vapour density:	Not applicable.
q)	Evaporation rate:	Not applicable.
r)	Solubility in/miscibility with water:	Fully miscible.
s)	Partition coefficient: n- octanol/water:	Not determined.
t)	Viscosity:	Dynamic < 20 mPas Kinematic Not applicable.
u)	Solids content:	Not determined.
v)	Solvent content:	Water: 70 % Organic solvents: 0.0 %

10. STABILITY AND REACTIVITY

10.1 Reactivity:-

No further relevant information available.

10.2 Chemical stability:-

Stable under normal handling and storage conditions.

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions:-

No dangerous reactions known.

10.4 Conditions to avoid:-

Keep away from heat and direct sunlight.

10.5 Incompatible materials:-

No further relevant information available.

10.6 Hazardous decomposition products:-

None under normal conditions of storage and use.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:-

Acute toxicity / Values relevant for classification:

Skin corrosion/irritation:

No irritant effect.

Serious eye damage/eye irritation:

No irritating effect.

Respiratory or skin sensitization:

No sensitising effects known

Germ cell mutagenicity:

No further relevant information available.

Carcinogenicity:

No further relevant information available.

Reproductive toxicity:

No further relevant information available.

Specific target organ toxicity - single exposure:

No further relevant information available.

Specific target organ toxicity - repeated exposure:

No further relevant information available.

Aspiration hazard:

No further relevant information available.

Additional information:

Generally not hazardous for water

11.2 Information on possible routes of exposure:-

Short Term (Acute) Exposure:

Swallowed:

No further relevant information available.

Eyes:

No further relevant information available.

Skin:

No further relevant information available.

Inhaled:

No further relevant information available.

Long Term (Chronic) Exposure:

Swallowed:

No further relevant information available.

Eyes:

No further relevant information available.

Skin:

No further relevant information available.

Inhaled:

No further relevant information available.

11.3 Early onset symptoms related to exposure:-

No further relevant information available.

- 11.4 Delayed health effects from exposure:-** | No further relevant information available.
11.5 Exposure levels and health effects:- | No further relevant information available.
11.6 Interactive effects:- | No further relevant information available.
11.7 Other:- | No further relevant information available.
- 12. ECOLOGICAL INFORMATION**
- 12.1 Ecotoxicity:-**
No further relevant information available.
- 12.2 Persistence/degradability:-**
No further relevant information available.
- 12.3 Bioaccumulative potential:-**
No further relevant information available.
- 12.4 Mobility in soil:-**
No further relevant information available.
- 12.5 Other adverse effects:-**
No further relevant information available.
Additional ecological information / General notes:-
 Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- 12.6 Other adverse effects:-**
No further relevant information available.
- 13. DISPOSAL CONSIDERATIONS**
- 13.1 Disposal methods:-**
Take to an approved landfill or a waste incineration plant, under conditions approved by the local authority.
- Uncleaned packaging:
 · **Recommendation:** Disposal must be made according to official regulations.
- 14. TRANSPORT INFORMATION**
- | | |
|---|--|
| UN number ADR / IMDG / IATA:- | Void. |
| UN proper shipping name or technical name:- | |
| ADR: | Void. |
| IMDG, IATA: | Void. |
| Transport hazard class(es): | Void. |
| Label: | Void. |
| Packaging group: | Void. |
| Environmental hazards: | Not applicable. |
| Special precautions for user: | Not applicable. |
| Danger code: | Void. |
| EMS Number: | Void. |
| Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: | Not applicable. |
| Transport/Additional information: | Product is not classified as a dangerous good for transport (ADR, IMDG, IATA). |
- 15. REGULATORY INFORMATION**
- 15.1 Safety, health and environmental regulations/legislation specific for the substance/mixture/product:-**
The product is a medical device according to the Directive 93/42/EEC.
- 15.2 Chemical safety assessment:**
A Chemical Safety Assessment has not been carried out.
- 16. OTHER INFORMATION**
- Key to abbreviations/acronyms used in** | Void

SDS:-

|

Key literature references/data sources used to compile SDS:-

Void

Copyright statement:-

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:-

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

GHS: Globally Harmonised System of Classification and Labelling of Chemicals.

EINECS: European Inventory of Existing Commercial Chemical Substances.

ELINCS: European List of Notified Chemical Substances.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

LC50: Lethal concentration, 50 percent.

LD50: Lethal dose, 50 percent.

Flam. Liq. 2: Flammable liquids, Hazard Category 2.

Flam. Liq. 3: Flammable liquids, Hazard Category 3.

Acute Tox. 4: Acute toxicity, Hazard Category 4.

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2.

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2.

Repr. 2: Reproductive toxicity, Hazard Category 2.

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3.

STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2.

Asp. Tox. 1: Aspiration hazard, Hazard Category 1.

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