

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 Ivocolor Mixing Liquid allround
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 manufacture of dental prosthesis

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
1-5 Overseas Drive Noble Park North VIC 3174,
Tel: +61 3 9795 9599 Fax:+ 61 3 9795 9645
Email: info@ivoclarvivadent.com

1.5 Emergency phone number: | 13 11 26
Poisons Hotline (24 hours / 7 days)

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
Additional information: | Void

2.3 Other hazards:-
Results of PBT and vPvB assessment; | Void
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
butane-1,3-diol	107-88-0	Void	Void

For the full text of the H-Statements mentioned in this Section, refer to Section 16.

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.

In case of eye contact:	Generally the product does not irritate the skin. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Mechanical effects only.										
If swallowed:	Rinse out mouth and then drink plenty of water. If symptoms persist consult doctor										
4.2 Symptoms caused by exposure:-	No further relevant information available.										
4.3 Medical attention and special treatment:-	No further relevant information available.										
5 FIRE FIGHTING MEASURES											
Suitable extinguishing equipment:-											
5.1 Suitable extinguishing media: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.											
Unsuitable extinguishing media: Specific hazards arising from the substance/mixture/product:-	The product is not flammable. The product is not flammable										
5.2 Special protective equipment and precautions for fire fighters:-	No further relevant information available										
5.3 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:- Not required.											
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 This product is hygroscopic. Keep container tightly sealed.											
8. EXPOSURE CONTROLS/PERSONAL PROTECTION											
8.1 Exposure control measures:- Occupational exposure limits:	<table border="1"> <thead> <tr> <th data-bbox="220 1738 448 1765">Component</th> <th data-bbox="472 1738 600 1765">CAS No.</th> <th data-bbox="759 1738 831 1765">Value</th> <th data-bbox="1015 1738 1166 1765">Parameters</th> <th data-bbox="1286 1738 1366 1765">Basis</th> </tr> </thead> <tbody> <tr> <td data-bbox="220 1767 280 1794">Void</td> <td data-bbox="472 1767 533 1794">Void</td> <td data-bbox="616 1767 676 1794">Void</td> <td data-bbox="1015 1767 1075 1794">Void</td> <td data-bbox="1222 1767 1283 1794">Void</td> </tr> </tbody> </table>	Component	CAS No.	Value	Parameters	Basis	Void	Void	Void	Void	Void
Component	CAS No.	Value	Parameters	Basis							
Void	Void	Void	Void	Void							
Additional information: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace											
8.2 Exposure controls / Personal protective equipment / General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.											

Usual hygienic measures for dental practice.

8.3 Control banding:-
Use good industrial hygiene practice and general ventilation.

8.4 Engineering controls:-
Void

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



Safety glasses
Required.

Skin protection:



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

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer

· 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

Respiratory protection:



Not Required.

9. PHYSICAL/CHEMICAL PROPERTIES

9.1 Information on physical/chemical properties:-

a) Appearance/Form:	Fluid
b) Colour:	Colourless
c) Odour:	Nearly odourless
d) Odour threshold:	Not determined.
e) pH value:	Not applicable.
f) Melting point/melting range:	-50 °C
g) Boiling point/boiling range:	Not determined
h) Flash point:	109 °C
i) Ignition temperature:	375 °C
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.

IPS Ivocolor Mixing Liquid allround

m)	Vapour pressure 20°C:	Not determined.
n)	Density at 20°C:	1 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 Not applicable. Kinematic Not applicable.
u)	Solids content:	Not applicable.

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:-

No further relevant information available.

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:

LD/LC50 values relevant for classification:

CAS: 107-88-0 butane-1,3-diol

Oral LD50 18610 mg/kg (rat)

Skin corrosion/irritation:

No further relevant information available.

Serious eye damage/eye irritation: No

further relevant information available.

Respiratory or skin sensitization:

No further relevant information available.

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:

No further relevant information available.

11.2 Information on possible routes of exposure:-

Short Term (Acute) Exposure:

No further relevant information available.

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: No

further relevant information available.

Swallowed:

No further relevant information available.

Eyes:

No further relevant information available.