

## SAFETY DATA SHEET (GHS)

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### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE/PRODUCT AND MANUFACTURER/IMPORTER

#### 1.1 Product identifier:-

**Product name:** Double Take, Base and Activator  
**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:** Duplicating silicone

#### 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 Pty Ltd  
 1- 5 Overseas Drive Noble Park North VIC 3174  
 Tel: + 61 3 9795 9599 Fax: + 61 3 9795 9645  
 Email: [info@ivoclarvivadent.com](mailto: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:** Vou=id

#### 2.3 Additional information:

Preparation of vinyl polydimethylsiloxane, silicium dioxid, catalyst and food dyes

#### Other hazards:-

<b>Results of PBT and vPvB assessment;</b>	<b>PBT:</b>	Not applicable.
	<b>vPvB:</b>	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

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:-

<b>If inhaled:</b>	Supply and inhale fresh air,
<b>In case of skin contact:</b>	Wash thoroughly with soap and water.
<b>In case of eye contact:</b>	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
<b>If swallowed:</b>	After ingestion call a doctor immediately and show this safety data sheet. Give large amounts of water. Induce vomiting.
<b>4.2 Symptoms caused by exposure:-</b>	No further relevant information available.
<b>4.3 Medical attention and special treatment:-</b>	No further relevant information available.

### 5. FIRE FIGHTING MEASURES

#### 5.1 Suitable extinguishing equipment:-

Water fog, carbon dioxide, foam, dry chemicals.

#### Suitable extinguishing media:

#### Unsuitable extinguishing media:

No further relevant information available.

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

Under fire conditions some components of this product may decompose. Avoid breathing smoke.

#### 5.3 Special protective equipment and precautions for fire fighters:-

#### Special personal protective equipment:

No further relevant information available

#### Precautions:

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:-

Clean up mechanically. Wash the area with soap and water. Do not allow to flow off into the drains or waters.

Dispose of according to local and national regulations.

### 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:-

Only adequately trained personnel should handle this product.

Keep out of reach of children.

#### 7.2 Conditions for safe storage, including any incompatibilities:-

Usual hygienic measures for dental practice.

When using, do not eat, drink or smoke.

Store at 2-28 °C / 36-82 °F

Store in a well ventilated, cool, dry area.

Keep containers tightly closed

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Exposure control measures:-**

Good general ventilation should be sufficient.

**Occupational exposure limits:**

Component	CAS No.	Value	Parameters	Basis
Void			Void	

**Ingredients with biological limit values:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**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.

Avoid contact with the skin.

**8.3 Control banding:-**

Use good industrial hygiene practice and general ventilation.

**8.4 Engineering controls:-**

In case of intensive contact, wear protective gloves (EN 374).

Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties).

Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves.

Protective gloves shall be replaced immediately when physically damaged or worn.

**8.5 Individual protection measures include PPE:-**

**Eye/face protection:**



**Safety glasses**

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

**Skin protection:**



**Protective gloves**

After use of gloves apply skin-cleaning agents and skin cosmetics.

· Material of gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· 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 suitable are gloves made of the following materials: Commercial medical gloves do not provide protection against the sensitizing effect of methacrylates

**Respiratory protection:**

Not required.

## 9. PHYSICAL/CHEMICAL PROPERTIES

### 9.1 Information on physical/chemical properties:-

a)	<b>Appearance/Form:</b>	Viscous liquid
b)	<b>Colour:</b>	Blue or white
c)	<b>Odour:</b>	Not determined
d)	<b>Odour threshold:</b>	Low
e)	<b>pH value:</b>	Not applicable.
f)	<b>Melting point/melting range:</b>	Not determined
g)	<b>Boiling point/boiling range:</b>	Undetermined.
h)	<b>Flash point:</b>	> 200 °C
i)	<b>Ignition temperature:</b>	> 400 °C
j)	<b>Self-igniting:</b>	Product is not self-igniting.
k)	<b>Danger of explosion:</b>	Not determined.
l)	<b>Upper/lower flammability or explosive limits:</b>	Lower   Not determined. Upper   Not determined.
m)	<b>Vapour pressure:</b>	Not applicable.
n)	<b>Density at 20°C:</b>	1.24 g/cm <sup>3</sup>
o)	<b>Relative density:</b>	Not determined.
p)	<b>Vapour density:</b>	Not applicable.
q)	<b>Evaporation rate:</b>	Not applicable.
r)	<b>Solubility in/miscibility with water:</b>	Nearly insoluble.
s)	<b>Partition coefficient: n- octanol/water:</b>	Not determined.
t)	<b>Viscosity:</b>	Dynamic   Not applicable. Kinematic   Not applicable.
u)	<b>Solids content:</b>	100.0%

## 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:**

> 250 °C

### 10.3 Possibility of hazardous reactions:-

No dangerous reactions known.

### 10.4 Conditions to avoid:-

Protect from exposure to the light.

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:**

No further relevant information available.

#### **Skin corrosion/irritation:**

No irritant effect.

#### **Serious eye damage/eye irritation:**

Irritating effect.

#### **Respiratory or skin sensitization:**

Sensitisation possible through skin contact.

#### **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:**  
**Specific target organ toxicity - repeated exposure:**  
**Aspiration hazard:**  
**Additional information:**

No further relevant information available.  
 No further relevant information available.  
 No further relevant information available.  
 Fumes or dusts generated from cutting or grinding may cause respiratory irritation.

**11.2 Information on possible routes of exposure:-**

**Short Term (Acute) Exposure:**

**Swallowed:**

**Eyes:**

**Skin:**

**Inhaled:**

**Long Term (Chronic) Exposure:**

**Swallowed:**

**Eyes:**

**Skin:**

**Inhaled:**

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

**11.3 Early onset symptoms related to exposure:-**

**11.4 Delayed health effects from exposure:-**

**11.5 Exposure levels and health effects:-**

**11.6 Interactive effects:-**

**11.7 Other:-**

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

**12. ECOLOGICAL INFORMATION**

**12.1 Ecotoxicity:-**

No ecological problems to be anticipated if properly handled and Used nearly insoluble  
 Material is not degradable in the environment.  
 Do not discharge to sewers or natural waters.

**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:-**

Do not allow product to reach ground water, water course or sewage system.  
 Danger to drinking water if even extremely small quantities leak into the ground.

**Additional ecological information / General notes:-**

Generally not hazardous for water.

**12.6 Other adverse effects:-**

No further relevant information available.

**13. DISPOSAL CONSIDERATIONS**

**13.1 Disposal methods:-**

Take to a special waste incineration plant, in line with local regulations.

Double Take, Base and Activator

**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:-**

Not applicable

**15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

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.

**16. OTHER INFORMATION**

**Key to abbreviations/acronyms used in SDS:-** | Void

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

Standard EN420:2003 General requirements for protective gloves: disposable gloves, e.g. nitrile rubber, material thickness 0.1 mm (Australian Standard 2161).

Long-term exposure (Level 6: < 480 min): protective gloves, e.g. nitrile rubber, material thickness 0.7 mm (Australian Standard 2161).

Personal eye protection - Eye and face protectors for occupational applications: safety glasses (Australian Standard AS 1336 and AS/NZS 1337.1:2010).

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**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.  
**\* Data compared to the previous version altered**

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Users should rely on their own knowledge and inquiries and make their own determination as to the applicability of this information in relation to their particular purposes and specific circumstances. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace and in conjunction with other substances or products.

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