

### VITA VIONIC® BASE RESIN FLEX pink-translucent

Date (latest revision): 27.08.2025

Product code: 3150

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## 1. Identification

### Product identifier

VITA VIONIC® BASE RESIN FLEX pink-translucent

### Relevant identified uses of the substance or mixture and uses advised against

### Details of the supplier of the safety data sheet

#### **Manufacturer**

Company name: DETAX GmbH  
Street: Carl-Zeiss-Strasse 4  
Place: D-76275 Ettlingen  
Telephone: +497243/510-0  
E-mail: post@detax.com  
Internet: www.detax.com

#### **Supplier**

Company name: VITA Zahnfabrik H.Rauter GmbH & Co.KG  
Street: Spitalgasse 3  
Place: D-79713 Bad Säckingen  
Telephone: +49(0)7761-562-0  
E-mail: info@vita-zahnfabrik.com  
Contact person: regulatory affairs  
E-mail: info@vita-zahnfabrik.com  
Internet: www.vita-zahnfabrik.com  
Responsible Department: Regulatory Affairs

Telefax: +49(0)7761-562-299

**Emergency telephone number:** +1-800-424-9300 (CHEMTREC)

### **Further Information**

medical device

## 2. Hazard identification

### Classification of the substance or mixture

#### **WHMIS 2015**

Reproductive toxicity: Repr. 2  
Skin corrosion/irritation: Skin Corr. 1  
Serious eye damage/eye irritation: Eye Dam. 1  
Respiratory or skin sensitization: Skin Sens. 1A

### Label elements

#### **WHMIS 2015**

**Signal word:** Danger

**Pictograms:**



#### **Hazard statements**

Causes severe skin burns and eye damage.  
May cause an allergic skin reaction.  
Suspected of damaging fertility or the unborn child.

#### **Precautionary statements**

Obtain special instructions before use.

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Do not handle until all safety precautions have been read and understood.  
 Do not breathe dust/fume/gas/mist/vapours/spray.  
 Wash ... thoroughly after handling.  
 Contaminated work clothing should not be allowed out of the workplace.  
 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 IF ON SKIN: Wash with plenty of ....  
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
 Specific treatment (see ... on this label).  
 Take off contaminated clothing and wash it before reuse.  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 Immediately call a POISON CENTER/doctor.  
 Specific treatment (see ... on this label).  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
 Continue rinsing.  
 Immediately call a POISON CENTER/doctor.  
 IF exposed or concerned: Get medical advice/attention.  
 Store locked up.  
 Dispose of contents/container to ....

#### Other hazards

No information available.

### 3. Composition/information on ingredients

#### Mixtures

##### Relevant ingredients

CAS No	Chemical name	Quantity
72869-86-4	7,7,9(oder 7,9,9)-Trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecan-1,16-diylbismethacrylate	40- < 60%
7534-94-3	Isobornylmethacrylat	10 - < 30 % (*)
127823-21-6	(Octahydro-1H-4,7-methanoinden-5-yl)methyl acrylate	7 - < 13 % (*)
27813-02-1	Hydroxypropylmethacrylat	7 - < 13 % (*)
868-77-9	2-hydroxyethyl methacrylate	1 - < 5 % (*)
68909-20-6	Silamine, 1,1,1 trimethyl-N-trimethylsilyl-hydrolyseprodukt mit Siliciumdioxid	0.5 - < 1.5 % (*)
84434-11-7	Ethylphenyl(2,4,6-trimethylbenzoyl)phosphinate	0.1 - < 1 % (*)

(\*) The actual concentration is withheld as a trade secret.

### 4. First-aid measures

#### Description of first aid measures

##### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Seek medical advice immediately.

#### Indication of immediate medical attention and special treatment needed

Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

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

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### General advice

Avoid contact with eyes and skin.

## 7. Handling and storage

### Precautions for safe handling

#### Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

#### Advice on protection against fire and explosion

No special fire protection measures are necessary.

### Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations.

#### Hints on joint storage

No special measures are necessary.

#### Further information on storage conditions

Store in a dry place. Store in a closed container. Sensitivity to light (photosensitive). Do not store under inert gas, as oxygen (air) is required for stabilization.

## 8. Exposure controls/Personal protection

### Control parameters

### Exposure controls

#### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Eye protection Wear eye/face protection.

#### Hand protection

Wear suitable gloves.

#### Skin protection

Wear suitable protective clothing.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state:

Colour: pink

Boiling point or initial boiling point and boiling range: 209 °C

Flash point: >93 °C

Auto-ignition temperature: 355 °C

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Vapour pressure: 0,11 hPa  
(at 20 °C)

#### Other information

##### Information with regard to physical hazard classes

Oxidizing properties  
Not oxidising.

## 10. Stability and reactivity

#### Possibility of hazardous reactions

Oxidizing agent ,Strong acid ,

#### Conditions to avoid

The product hardens when exposed to visible and UV light. Therefore, store in closed containers in complete exclusion of light at 15°C - 28°C.

#### Incompatible materials

No information available.

#### Hazardous decomposition products

No known hazardous decomposition products.

## 11. Toxicological information

#### Information on toxicological effects

##### ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

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#### Acute toxicity

CAS No	Chemical name				
	Route of exposure	Dose	Species	Source	Method
72869-86-4	7,7,9(oder 7,9,9)-Trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecan-1,16-diylibismethacrylate				
	oral	LD50 > 5000 mg/kg	Ratte	OECD 401	
	dermal	LD50 > 2000 mg/kg	Ratte	OECD 402	
7534-94-3	Isobornylmethacrylat				
	oral	LD50 > 2000 mg/kg	Rat	MSDS	
	dermal	LD50 > 3000 mg/kg	Rabbit	MSDS	
127823-21-6	(Octahydro-1H-4,7-methanoinden-5-yl)methyl acrylate				
	oral	LD50 2000 mg/kg	Ratte		OECD
27813-02-1	Hydroxypropylmethacrylat				
	oral	LD50 > 2000 mg/kg	Rat	OECD 401	
	dermal	LD50 > 5000 mg/kg	Rabbit		
868-77-9	2-hydroxyethyl methacrylate				
	oral	LD50 5564 mg/kg	Rat		
	dermal	LD50 >5000 mg/kg	Rabbit		
84434-11-7	Ethylphenyl(2,4,6-trimethylbenzoyl)phosphinate				
	oral	LD50 > 5000 mg/kg	Rat		OECD 401
	dermal	LD50 > 2000 mg/kg	Rat		

#### Further information

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

## 12. Ecological information

#### Ecotoxicity

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
72869-86-4	7,7,9(oder 7,9,9)-Trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahehexadecan-1,16-diylbismethacrylate					
	Acute fish toxicity	LC50 >100 mg/l	96 h			OECD 203
	Acute algae toxicity	ErC50 >100 mg/l	72 h			OECD 201
	Acute crustacea toxicity	EC50 >100 mg/l	48 h	Daphnia magna	OECD 202	
7534-94-3	Isobornylmethacrylat					
	Acute fish toxicity	LC50 1,79 mg/l	96 h		MSDS	
	Acute crustacea toxicity	EC50 > 2,57 mg/l	48 h	Daphnia magna	MSDS	
127823-21-6	(Octahydro-1H-4,7-methanoiden-5-yl)methyl acrylate					
	Acute fish toxicity	LC50 1,8 mg/l	96 h	Danio rerio		OECD 203
	Acute algae toxicity	ErC50 1,15 mg/l	72 h	Pseudokirchneriellas ubcapitata		OECD 201
	Acute crustacea toxicity	EC50 2,64 mg/l	48 h	Daphnia magna		OECD 202
27813-02-1	Hydroxypropylmethacrylat					
	Acute fish toxicity	LC50 493 mg/l	96 h	Leuciscus idus(Goldorfe)		
	Acute algae toxicity	ErC50 > 97,2 mg/l	72 h	Pseudokirchneriellas ubcapitata	OECD 201	
	Acute crustacea toxicity	EC50 380 mg/l	48 h	Daphnia magna	OECD 202	
868-77-9	2-hydroxyethyl methacrylate					
	Acute fish toxicity	LC50 227 mg/l	96 h	Pimephales promelas (fathead minnow)	Manufacturer	
84434-11-7	Ethylphenyl(2,4,6-trimethylbenzoyl)phosphinate					
	Acute fish toxicity	LC50 1,89 mg/l	96 h	Danio rerio		

#### Bioaccumulative potential

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
72869-86-4	7,7,9(oder 7,9,9)-Trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahehexadecan-1,16-diylbismethacrylate	3,39
27813-02-1	Hydroxypropylmethacrylat	0,97
868-77-9	2-hydroxyethyl methacrylate	0,47

#### Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### 13. Disposal considerations

#### Waste treatment methods

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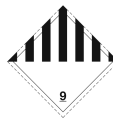
#### Disposal recommendations

Appropriate disposal / Package

### 14. Transport information

#### Canadian TDG

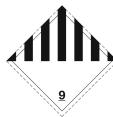
**UN number:** UN 3082  
**Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
**Hazard classes:** 9  
**Packing group:** III  
 Hazard label: 9



Limited quantity: 5 L

#### Marine transport (IMDG)

**UN number or ID number:** UN 3082  
**United Nations proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
**Transport hazard class(es):** 9  
**Packing group:** III  
 Hazard label: 9



Special Provisions: 274 335 969

Limited quantity: 5 L

Excepted quantity: E1

EmS: F-A, S-F

#### Other applicable information (marine transport)

Contains: 7,7,9(oder 7,9,9)-Trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahehexadecan-1,16-diylobismethacrylat

Flash point: > 100°C

#### Air transport (ICAO-TI/IATA-DGR)

**UN number or ID number:** UN 3082  
**United Nations proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
**Transport hazard class(es):** 9  
**Packing group:** III  
 Hazard label: 9



Special Provisions: A97 A158 A197 A215

Limited quantity Passenger: 30 kg G

Passenger LQ: Y964

Excepted quantity: E1

IATA-packing instructions - Passenger: 964

IATA-max. quantity - Passenger: 450 L

IATA-packing instructions - Cargo: 964

IATA-max. quantity - Cargo: 450 L

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#### Other applicable information (air transport)

Contains: 7,7,9(oder 7,9,9)-Trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecan-1,16-diylbismethacrylat

#### Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes



### 15. Regulatory information

#### Canadian regulations

### 16. Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 1,3,4,7,8,9,10,11.

*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*