

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Visalys Core

Revision date: 19.09.2019

Product code: 217

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Visalys Core

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

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

Company name:	Kettenbach GmbH & Co. KG	
Street:	Im Heerfeld 7	
Place:	D-35713 Eschenburg	
Telephone:	+ 49(0) 2774/705-0	Telefax: +49 (0)2774/705-66
e-mail:	info@kettenbach.com	
Contact person:	Regulatory Affairs Manager	Telephone: +49 (0)2774/705-0
Internet:	www.kettenbach.com	
Responsible Department:	Regulatory Affairs	

### Further Information

For dental use only!

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Regulation (EC) No. 1272/2008

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Respiratory or skin sensitisation: Skin Sens. 1

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Causes skin irritation.

Causes serious eye irritation.

May cause an allergic skin reaction.

Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

#### Regulation (EC) No. 1272/2008

#### Hazard components for labelling

Cristobalite

Urethane dimethacrylate

Aliphatic Dimethacrylate

Aliphatic Trimethacrylate

Dibenzoylperoxide

2-(2-Hydroxy-5-methylphenyl)benzotriazole

**Signal word:** Danger

**Pictograms:**



#### Hazard statements

H315

Causes skin irritation.

H317

May cause an allergic skin reaction.

H319

Causes serious eye irritation.

H335

May cause respiratory irritation.

H372

Causes damage to organs through prolonged or repeated exposure.

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H412 Harmful to aquatic life with long lasting effects.

#### Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P321 Specific treatment (see Hazard statements on this label).  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P362+P364 Take off contaminated clothing and wash it before reuse.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Preparation of multifunctional methacrylates, filler materials and additives

##### Hazardous components

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	GHS Classification	
14464-46-1	Cristobalite	5 - 50 %
	238-455-4	
	STOT RE 1; H372	
13760-80-0	Ytterbium (III) fluoride	5 - 30 %
	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335	
confidential	Aliphatic Dimethacrylate	0 - 30 %
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, STOT SE 3; H315 H319 H317 H335	
68909-20-6	highly dispersed silica	1-<10 %
confidential	Aliphatic Trimethacrylate	0 - 12.5 %
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1; H315 H319 H317	
94-36-0	Dibenzoylperoxide	< 1 %
	Self-react. C, Eye Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H242 H319 H317 H400 H410	
2440-22-4	2-(2-Hydroxy-5-methylphenyl)benzotriazole	< 1 %
	Eye Irrit. 2B, Skin Sens. 1; H320 H317	

Full text of H and EUH statements: see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### After contact with skin

After contact with skin, wash immediately with: Water and soap.

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#### After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

#### After ingestion

Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Medical treatment necessary.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Water spray. Extinguishing powder. Sand. Foam. Carbon dioxide (CO<sub>2</sub>).

### 5.3. Advice for firefighters

No special technical protective measures are necessary.

#### Additional information

Co-ordinate fire-fighting measures to the fire surroundings.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

avoid contact with skin Following eye contact: Consult an ophthalmologist.

### 6.3. Methods and material for containment and cleaning up

Take up mechanically. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid heat sources and direct sunlight .

#### Further information on handling

The usual precautions when handling chemicals have to be obtained.

When using do not eat or drink.

### 7.2. Conditions for safe storage, including any incompatibilities

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
94-36-0	Dibenzoyl peroxide	-	5		TWA (8 h)	WEL

### 8.2. Exposure controls

#### Protective and hygiene measures

The usual precautions when handling chemicals have to be obtained.

#### Eye/face protection

Safety glasses.

#### Hand protection

Protective gloves.

Suitable material:

Butyl rubber, NR (Natural rubber (Caoutchouc), Natural latex), PVC (Polyvinyl chloride).

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Unsuitable material:  
NBR (Nitrile rubber).

#### Skin protection

Protective clothing.

#### Respiratory protection

Not required.

#### Environmental exposure controls

Not required.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	Paste
Colour:	white, light beige
Odour:	nearly odourless

#### Changes in the physical state

Flash point:	> 100 °C
Density (at 23 °C):	ca. 1,75 g/cm <sup>3</sup>
Water solubility:	practically insoluble
Viscosity / dynamic: (at 23 °C)	ca. 12000 mPa·s

## SECTION 10: Stability and reactivity

### 10.4. Conditions to avoid

None by intended use.

### 10.5. Incompatible materials

Radical former. Reducing agents.

### 10.6. Hazardous decomposition products

None by intended use.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Toxicological data are not available.

#### Irritation and corrosivity

Irritant effect on the skin: Irritant effect on the eye:

#### Sensitising effects

Sensitization through skin contact possible.

#### Carcinogenic/mutagenic/toxic effects for reproduction

No experimental indications of mutagenicity in-vitro exist.

#### Practical experience

#### Observations relevant to classification

No data available

#### Further information

May cause an allergic skin reaction.

## SECTION 12: Ecological information

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#### 12.1. Toxicity

Do not allow uncontrolled leakage of product into the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Disposal recommendations

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge. Carry out a burning of hazardous waste according to official regulations.

##### List of Wastes Code - residues/unused products

070799 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; wastes not otherwise specified

##### List of Wastes Code - used product

200301 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; other municipal wastes; mixed municipal waste

##### List of Wastes Code - contaminated packaging

200301 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; other municipal wastes; mixed municipal waste

### SECTION 14: Transport information

#### Land transport (ADR/RID)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

#### Inland waterways transport (ADN)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

#### Marine transport (IMDG)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

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

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

#### Other applicable information

No dangerous good in sense of these transport regulations.

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

### SECTION 16: Other information

#### Changes

Update 2018-05-23

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#### Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method
Skin Sens. 1; H317	Calculation method
Aquatic Chronic 3; H412	Calculation method

#### Relevant H and EUH statements (number and full text)

H242	Heating may cause a fire.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H320	Causes eye irritation.
H335	May cause respiratory irritation.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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