

**SAFETY DATA SHEET**



Cavex LC Dental Tray

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

**Product identifier**

**Product name** : Cavex LC Dental Tray  
**Other means of identification** : None.  
**Product type** : Solid.

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

**Identified uses** : Dental Products

**Details of the supplier of the safety data sheet**

National contact

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 The Netherlands

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National advisory body/Poison Centre/Emergency telephone number

**Telephone number** : +31 23 530 7700 (Office hours)

**SECTION 2: Hazards identification**

**Classification of the substance or mixture**

**Product definition** : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

H315 - Causes skin irritation. Category 2.  
 H319 - Causes serious eye irritation. Category 2.  
 H335 - May cause respiratory irritation. Category 3.

Classification according to Directive 67/548/EEC [DSD]

Europe

R36/37/38

Classification according to Directive 1999/45/EC [DPD]

Europe

See Section 16 for the full text of the R phrases or H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

**Label elements**

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : H315 - Causes skin irritation.  
 H319 - Causes serious eye irritation.  
 H335 - May cause respiratory irritation.

Precautionary statements

**Prevention** : P261 - Avoid breathing vapour.  
 P264 - Wash hands thoroughly after handling.  
 P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.  
 P313 + P332 - If skin irritation occurs: Get medical advice/attention.  
 P362 - Take off contaminated clothing and wash before reuse.

Europe

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**SECTION 2: Hazards identification**



- Risk phrases** : R36/37/38- Irritating to eyes, respiratory system and skin.
- Safety phrases** : S23- Do not breathe vapour.  
S28- After contact with skin, wash immediately with plenty of water.  
S29/35- Do not empty into drains; dispose of this material and its container in a safe way.  
S36/37- Wear suitable protective clothing and gloves.  
S37- Wear suitable gloves.
- Supplemental label elements** : None.

**Other hazards**

- Other hazards which do not result in classification** : None.
- Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII** : Not applicable.
- Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII** : Not applicable.

**SECTION 3: Composition/information on ingredients**

**Substance/mixture** : Mixture

Product/ingredient name	Identifiers	%	Classification		Type
			67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	
<b>Europe</b>					
Aliphatic Urethane Acrylate	-	0 - 10	Xi; R36	H319	-
Phosphin oxide	-	0 - 1	Xn; R62	H361f	-
Triethylene glycol dimethacrylate	-	0 - 10	-	-	-
Vinylester resin (acrylate)	-	0 - 10	-	-	-
			<b>See Section 16 for the full text of the R-phrases declared above.</b>	<b>See Section 16 for the full text of the H statements declared above.</b>	

Type

1: Occupational exposure limits, if available, are listed in Section 8. No dangerous substances are released.

**SECTION 4: First aid measures**

**Description of first aid measures**

- Eye contact** : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
- Inhalation** : Not applicable.
- Skin contact** : Wash contaminated skin with soap and water.
- Ingestion** : Iniate vomiting and consult a doctor. Not considered to be toxic to humans.
- Protection of first-aiders** : Not applicable.

**Most important symptoms and effects, both acute and delayed**

Potential acute health effects

- Eye contact** : Slightly irritating to the eyes.
- Inhalation** : Harmful by inhalation.
- Skin contact** : Slightly irritating to the skin.
- Ingestion** : May be harmful if swallowed.

**Indication of any immediate medical attention and special treatment needed**

- Notes to physician** : Not applicable.
- Specific treatments** : Not applicable.

## SECTION 5: Firefighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

### Special hazards arising from the substance or mixture

- Hazards from the substance or mixture** : No known significant effects or critical hazards.
- Hazardous thermal decomposition products** : None.

### Advice for firefighters

- Special protective actions for fire-fighters** : None.
- Special protective equipment for fire-fighters** : No special measures required.
- Additional information** : No additional remark.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No special protection is required.
- For emergency responders** : No special protection is required.
- Environmental precautions** : Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### Methods and materials for containment and cleaning up

- Small spill** : Small quantities can be polymerized by light and the cured solid material can be disposed of with the regular garbage.
- Large spill** : Use a shovel to transfer the material to a convenient waste disposal container.

### Reference to other sections

- : See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### Precautions for safe handling

- Protective measures** : Store in a dry place.
- Advice on general occupational hygiene** : Store in a dry place.
- Conditions for safe storage, including any incompatibilities** : No specific storage is required.

## SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### Control parameters

#### Occupational exposure limits

##### Europe

No exposure limit value known.

- Recommended monitoring procedures** : Product does not contain relevant quantities of materials with exposure values that have to be monitored.

**DNELs/DMELs** : No DNELs/DMELs available.

**PNECs** : No PNECs available

### Exposure controls

- Appropriate engineering controls** : No special measures required.

#### Individual protection measures

- Hygiene measures** : Wash thoroughly after handling.
- Eye/face protection** : Safety glasses.

#### Skin protection

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## SECTION 8: Exposure controls/personal protection

Hand protection	: natural rubber (latex), nitrile rubber
Body protection	: Lab coat.
Other skin protection	: Wash with soap and water.
Respiratory protection	: No special protection is required.
Environmental exposure controls	: No dangerous substances are released.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

#### Appearance

Physical state	: Solid.
Colour	: Rose.
Odour	: Characteristic.
pH	: No results available.
Melting point/freezing point	: No results available.
Initial boiling point and boiling range	: No results available.
Flash point	: > 100 °Celsius
Relative density	: No results available.
Solubility in water	: insoluble in water.
Auto-ignition temperature	: No results available.
Decomposition temperature	: No results available.
Viscosity	: No results available.
Oxidising properties	: No results available.
Other information	: No additional information.

## SECTION 10: Stability and reactivity

Reactivity	: No additional information.
Chemical stability	: Stable under recommended storage and handling conditions (see Section 7).
Possibility of hazardous reactions	: No known significant effects or critical hazards.
Conditions to avoid	: Avoid light.
Incompatible materials	: No specific data.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### Information on toxicological effects

Acute toxicity	: Based on available data, the classification criteria are not met.
Irritation/Corrosion	: Sensitizing effect by skin contact is possible by prolonged exposure.
Sensitisation	: May cause an allergic skin reaction.(Methacrylate)
Mutagenicity	: Based on available data, the classification criteria are not met.
Carcinogenicity	: Based on available data, the classification criteria are not met.
Reproductive toxicity	: Based on available data, the classification criteria are not met.
Teratogenicity	: Based on available data, the classification criteria are not met.

### Potential acute health effects

Eye contact	: Slightly irritating to the eyes.
Inhalation	: Harmful by inhalation.
Skin contact	: Slightly irritating to the skin.
Ingestion	: May be harmful if swallowed.

**Potential chronic health effects** : No known significant effects or critical hazards.

**Other information** : No additional information.

**Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II**

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**SECTION 12: Ecological information**

- Toxicity** : Based on available data, the classification criteria are not met.
- Persistence and degradability** : Based on available data, the classification criteria are not met.
- Bioaccumulative potential** : Based on available data, the classification criteria are not met.
- Mobility in soil** : Not determined.
- Results of PBT and vPvB assessment**
- PBT** : Not applicable.
- vPvB** : Not applicable.
- Other adverse effects** : No known significant effects or critical hazards.

**SECTION 13: Disposal considerations****Waste treatment methods****Product**

- Methods of disposal** : Use a shovel to transfer the material to a convenient waste disposal container. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

- Hazardous waste** : No.

**European waste catalogue (EWC)**

Waste code	Waste designation
16 03 05	

**Packaging**

- Methods of disposal** : Use a shovel to transfer the material to a convenient waste disposal container.
- Special precautions** : None.

**SECTION 14: Transport information**

	ADR/RID	ADN	IMDG	IATA
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-	-
<b>Transport hazard class (es)</b>	Not controlled under European ADR.	Not controlled under ADN (Europe).	Not controlled under IMDG.	Not controlled under IATA.
<b>Packing group</b>	-	-	-	-
<b>Environmental hazards</b>	-	-	-	-
<b>Additional information</b>	-	-	-	-

- Special precautions for user** : No special measures are required.

- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not available.

**SECTION 15: Regulatory information****Safety, health and environmental regulations/legislation specific for the substance or mixture****EU Regulation (EC) No. 1907/2006 (REACH)****Annex XIV - List of substances subject to authorisation****Substances of very high concern**

None of the components are listed.

**National regulations****Date of issue/Date of revision**

: 4-2-2014.

**Date of previous issue**

: 4-2-2014.

**Version** : 1

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**SECTION 15: Regulatory information**

**Chemical Safety Assessment** : No Chemical Safety Assessment has been carried out.

**SECTION 16: Other information**

✔ Indicates information that has changed from previously issued version.

**Abbreviations and acronyms** : ATE = Acute Toxicity Estimate  
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
 DMEL = Derived Minimal Effect Level  
 DNEL = Derived No Effect Level  
 EUH statement = CLP-specific Hazard statement  
 PBT = Persistent, Bioaccumulative and Toxic  
 PNEC = Predicted No Effect Concentration  
 RRN = REACH Registration Number  
 vPvB = Very Persistent and Very Bioaccumulative

**Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

Classification	Justification
H315 - Causes skin irritation. Category 2. H319 - Causes serious eye irritation. Category 2. H335 - May cause respiratory irritation. Category 3.	

**Europe**

**Full text of abbreviated H statements** : H315 - Causes skin irritation.  
 H319 - Causes serious eye irritation.  
 H335 - May cause respiratory irritation.  
 H361f - Suspected of damaging fertility.

**Full text of classifications [CLP/GHS]** : H315 - SKIN CORROSION/IRRITATION Category 2.  
 H319 - Eye irritation Category 2A.  
 H335 - Specific target organ toxicity (single exposure) Category 3.  
 H361f - Toxic to reproduction category 3.

**Full text of abbreviated R phrases** : R36- Irritating to eyes.  
 R36/37/38- Irritating to eyes, respiratory system and skin.  
 R62- Possible risk of impaired fertility.

**Full text of classifications [DSD/DPD]** : Xi - Irritant  
 Xn - Harmful

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**Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.