

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

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**1.1 Product identifier**

Commercial product name: Combiloc Plus

**1.2 Relevant identified uses of the substance or mixture and uses advised against Use of the substance/preparation:** Dental splinting material long-term

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

**Manufacturer:** Dreve Dentamid GmbH  
Street / mailbox: Max-Planck-Straße 31  
Country code. / postal code / city: 59423 Unna  
Phone: +49 2303 8807-0  
Fax: +49 2303 8807-29  
Information provided by / telephone: Department Research & Development: Fax: +49 2303 8807-562  
E-mail address of person responsible for this SDS: sicherheitsdatenblatt@dreve.com

**Australian Supplier: Ultimate Dental Supplies**

Address: 660A South Rd, Moorabbin Vic 3189  
Phone: 03 9532 1799  
Email: info@ultimatedental.com.au

**1.4 Emergency telephone number**

Poisons 24/7  
Phone No. 1311 26

**SECTION 2: Hazards identification**

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**2.1 Classification of the substance or mixture:** This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

**2.2 Label elements**

**Labelling according to regulation (EC) No 1272/2008**

**Supplemental information:** EUH210 Safety data sheet available on request.

**2.3 Other hazards:**

No special hazards have to be mentioned.  
The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

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

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**3.2 Mixtures**

**Chemical characterization:** Double coating plate of PETG and EVA

**Hazardous ingredients**

**vinyl acetate**

CAS No.: 108-05-4  
EINECS no.: 203-545-4  
Concentration: >= 0,1 < 1 %  
Classification (Regulation (EC) No. 1272/2008):

Flam. Liq. 2	H225
Acute Tox. 4	H332
Carc. 2	H351
STOT SE 3	H335

Additional remarks:  
CLP

Regulation (EC) No 1272/2008, Annex VI, Note D

#### **SECTION 4: First aid measures**

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##### **4.1 Description on first aid measures:**

###### **General information:**

No special measures required.

###### **After inhalation:**

Ensure supply of fresh air.

###### **After skin contact:**

After contact with molten product cool quickly with cold water. Consult a doctor if skin irritation persists.

###### **After eye contact:**

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

###### **After ingestion:**

Rinse out mouth and give plenty of water to drink.

###### **Adhere to personal protective measures when giving first aid:**

First aider: Pay attention to self-protection!

##### **4.2 Most important symptoms and effects, both acute and delayed:**

Until now no symptoms known so far.

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

###### **Hints for the physician / hazards:**

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

#### **SECTION 5: Firefighting measures**

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##### **5.1 Extinguishing media:**

###### **Suitable extinguishing media:**

Recommended: alcohol resistant foam, CO2, powders, water spray/mist, Extinguishing measures to suit surroundings

##### **5.3 Advice for firefighters:**

###### **Special protective equipment for firefighters:**

In case of combustion use a suitable breathing apparatus.

#### **SECTION 6: Accidental release measures**

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##### **6.1 Personal precautions, protective equipment and emergency procedures:**

Avoid contact with skin, eyes and clothing.

##### **6.2 Environmental precautions:**

Do not allow to enter drains or waterways.

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

Pick up mechanically. Clean contaminated floors and objects thoroughly, observing environmental regulations.

##### **6.4 Reference to other sections:**

Refer to protective measures listed in Sections 7 and 8.

#### **SECTION 7: Handling and storage**

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##### **7.1 Precautions for safe handling**

**Advices on safe handling:** Observe the usual precautions for handling chemicals.

**Precautions against fire and explosion:** No special measures required.

**7.2 Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels:** Store product in closed containers.

**Hints on joint storage:** Do not store together with foodstuffs.

**Further information on storage conditions:** Keep container tightly closed and dry.

**SECTION 8: Exposure controls/personal protection**

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**8.1 Control parameters**

**Other information:** Contains no substances with occupational exposure limit values.

**8.2 Exposure controls**

**General protection and hygiene measures:** Observe the usual precautions for handling chemicals.

**Respiratory protection:** Do not inhale vapours.

**Hand protection:** Heat-resistant gloves when using hot material

**Eye/face protection:** Safety glasses

**Body protection:** Clothing as usual in the chemical industry.

**SECTION 9: Physical and chemical properties**

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**9.1 Information on basic physical and chemical properties**

**Physical state:** Thermoforming blank

**Colour:** various

**Odour:** characteristic

**Melting point:** Value: > 100 °C

**Freezing point:** not determined

**Boiling point or initial boiling point and boiling range:** not determined

**Flammability:** not determined

**Upper and lower explosive limits:** not determined

**Flash point:** not determined

**Ignition temperature:** not determined

**Decomposition temperature:** not determined

**pH value:** not determined

**Viscosity:** not determined

**Solubility(ies):** not determined

**Partition coefficient n-octanol/water (log value):** not determined

**Vapour pressure:** not determined

**Density and/or relative density:** Value 1,2 g/cm<sup>3</sup>

Temperature 20 °C

**Relative vapour density:** not determined

**Other information**

**Odour threshold:** not determined

**Evaporation rate (ether = 1) :** not determined

**Solubility in water:** virtually insoluble

<b>Explosive properties:</b>	not determined
<b>Oxidising properties:</b>	not determined
<b>Other information:</b>	None known

**SECTION 10: Stability and reactivity**

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<b>10.1 Reactivity:</b>	No hazardous reactions when stored and handled according to prescribed instructions.
<b>10.2 Chemical stability:</b>	No hazardous reactions known.
<b>10.3 Possibility of hazardous reactions:</b>	No hazardous reactions known.
<b>10.4 Conditions to avoid:</b>	Protect from heat and direct sunlight
<b>10.5 Incompatible materials:</b>	None known
<b>10.6 Hazardous decomposition products:</b>	-

**SECTION 11: Toxicological information**

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**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute oral toxicity:** Based on available data, the classification criteria are not met.

**Acute oral toxicity (Components)**

**vinyl acetate:** Species rat (male)  
LD50 3470 mg/kg

**Acute dermal toxicity:**

**vinyl acetate:**

Based on available data, the classification criteria are not met.

Species rabbit  
LD50 7440 mg/kg

**Acute inhalational toxicity:**

Based on available data, the classification criteria are not met.

**Acute inhalative toxicity (Components)**

**vinyl acetate:** Species rat  
LC50 4000 ppm(V)  
Duration of exposure 4 h  
Administration/Form Vapours

**Skin corrosion/irritation:**

Based on available data, the classification criteria are not met.

**Serious eye damage/irritation:**

Based on available data, the classification criteria are not met.

**Sensitisation:**

Based on available data, the classification criteria are not met.

**Subacute, subchronic, chronic toxicity:**

not determined

**Mutagenicity:**

Based on available data, the classification criteria are not met.

<b>Reproductive toxicity:</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity:</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity (Components) vinyl acetate:</b>	Evaluation: Suspected of causing cancer.
<b>Specific Target Organ Toxicity (STOT): Single exposure:</b>	Based on available data, the classification criteria are not met.
<b>Repeated exposure:</b>	Based on available data, the classification criteria are not met.
<b>Specific Target Organ Toxicity (STOT) (Components) vinyl acetate Single exposure:</b>	Evaluation: May cause respiratory irritation.
<b>Aspiration hazard:</b>	Based on available data, the classification criteria are not met.
<b>11.2 Information on other hazards Endocrine disrupting properties with respect to humans:</b>	This substance does not have endocrine disrupting properties with respect to humans.
<b>Other information:</b>	No toxicological data are available.

**SECTION 12: Ecological information**

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<b>12.1 Toxicity:</b>	Not determined.
<b>Fish toxicity (Components) vinyl acetate</b>	
Species:	Fathead minnow ( <i>Pimephales promelas</i> )
NOEC:	0,551 mg/l
Duration of exposure:	34 d
Method:	OECD 210
<b>Daphnia toxicity (Components) vinyl acetate</b>	
Species:	Daphnia magna
NOEC:	12,6 mg/l
Duration of exposure:	48 h
Method:	OECD 202
<b>Algae toxicity (Components) vinyl acetate</b>	
Species:	Pseudokirchneriella subcapitata
NOEC:	12,7 mg/l
Duration of exposure:	72 h
Method:	OECD 201
<b>12.2 Persistence and degradability:</b>	Not determined.

**Biodegradability (Components)**

**vinyl acetate**

Value: 82 to 98 %  
Duration of test: 14 d  
Evaluation: Readily biodegradable (according to OECD criteria)

**12.3 Bioaccumulative potential:** Not determined.

**Partition coefficient n-octanol/water (log value):** Not determined.

**Octanol/water partition coefficient (log Pow) (Components)**

**vinyl acetate**

log Pow: 0,73  
Temperature: 25 °C

**12.4 Mobility in soil:** Not determined.

**12.5 Results of PBT and vPvB assessment:** The Substance does not meet PBT-criteria.  
This substance does not meet the vPvB-criteria.

**12.6 Endocrine disrupting properties**  
**Endocrine disrupting properties with respect to the environment:** This substance does not have endocrine disrupting properties with respect to non-target organisms.

**12.7 Other adverse effects**  
**General information:** Not determined.  
**General information / ecology:** Do not discharge product unmonitored into the environment.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods:**

**Disposal recommendations for the product:** Must not be disposed together with household garbage. Dispose of waste according to applicable legislation.

**Disposal recommendations for packaging:** Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

**SECTION 14: Transport information**

	<b>Land transport ADR/RID</b>	<b>Marine transport IMDG/GGVSee</b>	<b>Air transport ICAO/IATA</b>
<b>14.1. UN number or ID number</b>	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.
<b>14.2. UN proper shipping name</b>	-	-	-
<b>14.3. Transport hazard class(es)</b>		-	-
<b>Label</b>			
<b>14.4. Packing group</b>		-	-

**SECTION 15: Regulatory information**

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

**Other information:** All components are contained in the TSCA inventory or exempted.

**15.2 Chemical safety assessment:** For this preparation a chemical safety assessment has not been carried out.

**SECTION 16: Other information**

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**Hazard statements listed in Chapter 2/3**

H225	Highly flammable liquid and vapour.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.

**CLP categories listed in Chapter 2/3**

Acute Tox. 4	Acute toxicity, Category 4
Carc. 2	Carcinogenicity, Category 2
Flam. Liq. 2	Flammable liquid, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

**Supplemental information:**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.