

according to Regulation (EU) 2020/878

Date of issue: 28.02.2024

Revision date: - / Version/Replaced version: 1.0/-

Page 1/7

Printing date: 05.03.2024

**Iso-Pro C - Separator Ceramic-Plaster****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Product form:** Substance  
**Product name:** Iso-Pro C - Separator Ceramic-Plaster  
**Chemical name:** Siloxanes and silicones, dimethyl  
**CAS no:** 63148-62-9

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

**Relevant identified uses:** Manufacturing of dental prosthesis in dental laboratories  
**Uses advised against:** Do not use outside of the dental laboratory.

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

**Manufacturer/Supplier:** al dente Dentalprodukte GmbH  
**Street / mailbox:** Borsigstr. 1  
**Country code / postal code / city:** D - 38644 Goslar  
**Phone:** 0 53 21 / 80031  
**Fax:** 0 53 21 / 50881  
**E-mail / Website:** [info@aldente.de](mailto:info@aldente.de) / [www.aldente.de](http://www.aldente.de)  
**Information department:** al dente Dentalprodukte GmbH

**1.4. Emergency telephone number**

**al dente Dentalprodukte GmbH:** +49 (0) 53 21 / 80031 (Mo-Fr 8:00-16:00)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

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

Not classified

**Adverse physicochemical, human health and environmental effects**

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

**2.2. Label elements**

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

No labelling applicable

**2.3. Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Not applicable  
**vPvB:** Not applicable

**SECTION 3: Composition/information on ingredients****3.1. Substances**

**Name:** Siloxanes and silicones, dimethyl  
**CAS no:** 63148-62-9  
**Description:** Polymer

(CAS no) 63148-62-9	Siloxanes and silicones, dimethyl	100 %
	Not classified	

**3.2. Mixtures:** Not applicable

**SECTION 4: First aid measures****4.1. Description of first aid measures**

**First-aid measures general:** Call a doctor if you feel unwell. If possible show him this sheet.  
Failing this, show him the packaging or label. Never give

according to Regulation (EU) 2020/878

Date of issue: 28.02.2024

Revision date: - / Version/Replaced version: 1.0/-

Page 2/7  
Printing date: 05.03.2024

## Iso-Pro C - Separator Ceramic-Plaster

	anything by mouth to an unconscious person. Place the affected person in the recovery position.
<b>First-aid measures after inhalation:</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
<b>First-aid measures after skin contact:</b>	Take off contaminated clothing. Wash with plenty of soap and water.
<b>First-aid measures after eye contact:</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>First-aid measures after ingestion:</b>	Rinse mouth. Drink water as a precaution.
<b>4.2. Most important symptoms and effects, both acute and delayed:</b>	Not expected to present a significant hazard under anticipated conditions of normal use.
<b>4.3. Indication of any immediate medical attention and special treatment needed:</b>	Treat symptomatically.
<b>SECTION 5: Firefighting measures</b>	
<b>5.1. Extinguishing media</b>	
<b>Suitable extinguishing media:</b>	Dry extinguishing powder. Foam. Carbon dioxide. Water spray.
<b>Unsuitable extinguishing media:</b>	Do not use a heavy water stream.
<b>5.2. Special hazards arising from the substance or mixture</b>	
<b>Fire hazard:</b>	Product is flammable.
<b>Hazardous decomposition products in case of fire:</b>	Carbon monoxide. Carbon dioxide. Silicon oxides.
<b>5.3. Advice for firefighters</b>	
<b>Firefighting instructions:</b>	Use water spray or fog for cooling exposed containers. Do not dispose of fire-fighting water in the environment.
<b>Protection during firefighting:</b>	Use a self-contained breathing apparatus and also a protective suit.
<b>SECTION 6: Accidental release measures</b>	
<b>6.1. Personal precautions, protective equipment and emergency procedures</b>	
<b>General measures:</b>	Provide adequate ventilation. Use personal protective equipment as required.
<b>For non-emergency personnel</b>	
<b>Emergency procedures:</b>	Evacuate unnecessary personnel.
<b>For emergency responders</b>	
<b>Protective equipment:</b>	Wear personal protective equipment. Use self-contained breathing apparatus.
<b>6.2. Environmental precautions:</b>	Prevent entry to sewers and public waters.

according to Regulation (EU) 2020/878

Date of issue: 28.02.2024

Revision date: - / Version/Replaced version: 1.0/-

Page 3/7  
Printing date: 05.03.2024

## Iso-Pro C - Separator Ceramic-Plaster

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|---|---|
| 6.3. <b>Methods and material for containment and cleaning up:</b> | Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Dispose of in accordance with relevant local regulations. |
| 6.4. <b>Reference to other sections:</b>                          | Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.                     |

### SECTION 7: Handling and storage

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|--|--|
| 7.1. <b>Precautions for safe handling</b><br><b>Precautions for safe handling:</b>   | Provide good ventilation in process area. Wear personal protective clothing.   |
| <b>Hygiene measures:</b>   | Handle in accordance with good industrial hygiene and safety procedures. When using do not eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. |
| 7.2. <b>Conditions for safe storage, including any incompatibilities</b><br><b>Requirements for storage rooms and containers</b><br><b>Storage conditions:</b> | Store in original container. Keep container tightly closed. Store in a dry, cool and well-ventilated place.  |
| <b>Prohibitions on mixed storage:</b>  | Keep away from food, drink and animal feedingstuffs.   |
| 7.3. <b>Specific end use(s):</b>   | No additional information available  |

### SECTION 8: Exposure controls/personal protection

- |   |   |
|---|---|
| 8.1. <b>Control parameters</b><br><b>Components with critical values that require monitoring at the workplace</b> | No additional information available   |
| 8.2. <b>Exposure controls</b><br><b>Appropriate engineering controls:</b>   | Provide local exhaust or general room ventilation to minimize vapour concentrations.  |
| <b>Personal protective equipment</b><br><b>Eye protection:</b>  | Wear safety glasses (EN 166).   |
| <b>Hand protection:</b>   | Wear suitable gloves (EN 374). Butyl rubber. Nitrile rubber. The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed. |
| <b>Skin and body protection:</b>  | Wear suitable protective clothing.  |
| <b>Respiratory protection:</b>  | Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Breathing apparatus with filter type A-P2.                                 |
| <b>Environmental exposure controls:</b>   | Avoid release to the environment.   |

### SECTION 9: Physical and chemical properties

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| 9.1. <b>Information on basic physical and chemical properties</b><br><b>Physical state:</b> | Liquid |
|---|--------|

according to Regulation (EU) 2020/878

Date of issue: 28.02.2024

Revision date: - / Version/Replaced version: 1.0/-

Page 4/7

Printing date: 05.03.2024

## Iso-Pro C - Separator Ceramic-Plaster

<b>Colour:</b>	Transparent
<b>Odour:</b>	No data available
<b>Melting point/Freezing point:</b>	No data available
<b>Boiling point or initial boiling point and boiling range:</b>	> 65 °C
<b>Flammability:</b>	Flammable.
<b>Lower and upper explosion limit:</b>	No data available
<b>Flash point:</b>	> 150 °C
<b>Auto-ignition temperature:</b>	No data available
<b>Decomposition temperature:</b>	No data available
<b>pH:</b>	No data available
<b>Kinematic viscosity:</b>	100 mm <sup>2</sup> /s (25 °C)
<b>Solubility:</b>	No data available
<b>Partition coefficient n-octanol/water (log value):</b>	Not applicable
<b>Vapour pressure:</b>	No data available
<b>Density and/or relative density:</b>	0.965
<b>Relative vapour density:</b>	No data available
<b>Particle characteristics:</b>	Not applicable

### 9.2. Other information

<b>Explosive properties:</b>	No explosive properties
<b>Oxidising properties:</b>	No oxidising properties

## SECTION 10: Stability and reactivity

<b>10.1. Reactivity:</b>	No dangerous reactions known under normal conditions of use.
<b>10.2. Chemical stability:</b>	Stable under use and storage conditions as recommended in section 7.
<b>10.3. Possibility of hazardous reactions:</b>	Reactive with strong oxidizing agents. When heated to temperatures of > 150 °C in the presence of air, small amounts of formaldehyde may be released.
<b>10.4. Conditions to avoid:</b>	None known.
<b>10.5. Incompatible materials:</b>	Oxidizing agents.
<b>10.6. Hazardous decomposition products:</b>	Decomposition products may include and are not limited to: Formaldehyde. In case of fire: Carbon monoxide. Carbon dioxide. Silicon oxides.

## SECTION 11: Toxicological information

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

<b>Acute toxicity:</b>	Not classified Based on available data, the classification criteria are not met
<b>Skin corrosion/irritation:</b>	Not classified Based on available data, the classification criteria are not met
<b>Serious eye damage/irritation:</b>	Not classified Based on available data, the classification criteria are not met
<b>Respiratory or skin sensitisation:</b>	Not classified

according to Regulation (EU) 2020/878

Date of issue: 28.02.2024

Revision date: - / Version/Replaced version: 1.0/-

Page 5/7  
Printing date: 05.03.2024

## Iso-Pro C - Separator Ceramic-Plaster

	Based on available data, the classification criteria are not met
<b>Germ cell mutagenicity:</b>	Not classified Based on available data, the classification criteria are not met
<b>Carcinogenicity:</b>	Not classified Based on available data, the classification criteria are not met
<b>Specific target organ toxicity (single exposure):</b>	Not classified Based on available data, the classification criteria are not met
<b>Specific target organ toxicity (repeated exposure):</b>	Not classified Based on available data, the classification criteria are not met
<b>Aspiration hazard:</b>	Not classified Based on available data, the classification criteria are not met
<b>11.2. Information on other hazards Potential adverse human health effects and symptoms:</b>	Based on available data, the classification criteria are not met

### SECTION 12: Ecological information

<b>12.1. Toxicity</b>	
Acute aquatic toxicity:	Not classified
Chronic aquatic toxicity:	Not classified
Ecology - general advice:	Avoid release to the environment. Prevent entry to sewers and public waters.
<b>12.2. Persistence and degradability:</b>	No additional information available
<b>12.3. Bioaccumulative potential:</b>	No additional information available
<b>12.4. Mobility in soil:</b>	No additional information available
<b>12.5. Results of PBT and vPvB assessment</b>	
PBT:	Not applicable
vPvB:	Not applicable
<b>12.6. Endocrine disrupting properties:</b>	No additional information available
<b>12.7. Other adverse effects:</b>	No additional information available

### SECTION 13: Disposal considerations

<b>13.1. Waste treatment methods</b>	
Regional legislation (waste):	Dispose in a safe manner in accordance with local/national regulations.
<b>Waste disposal recommendations:</b>	Treat contaminated packaging like the product itself.
<b>Waste code - used product:</b>	The waste code number according to the Ordinance on the European Waste Catalogue (AVV) depends on the waste producer and can therefore vary for any given product. The waste code number is therefore to be gleaned separately from each waste producer.

according to Regulation (EU) 2020/878

Date of issue: 28.02.2024

Revision date: - / Version/Replaced version: 1.0/-

Page 6/7  
Printing date: 05.03.2024

## Iso-Pro C - Separator Ceramic-Plaster

### SECTION 14: Transport information

<b>14.1. UN number or ID number</b>	
ADR, IMDG, IATA:	Not applicable
<b>14.2. UN proper shipping name</b>	
ADR, IMDG, IATA:	Not applicable
<b>14.3. Transport hazard class(es)</b>	
ADR, IMDG, IATA:	Not applicable
<b>14.4. Packing group</b>	
ADR, IMDG, IATA:	Not applicable
<b>14.5. Environmental hazards</b>	
Dangerous for the environment:	No
Marine pollutant:	No
Other information:	No additional information available
<b>14.6. Special precautions for user:</b>	Not applicable
<b>14.7. Maritime transport in bulk according to IMO instruments:</b>	Not applicable

### SECTION 15: Regulatory information

<b>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
<b>EU-Regulations</b>	
Contains no substance on the REACH candidate list.	
Contains no REACH Annex XIV substances.	
<b>National regulations</b>	
No additional information available	
<b>15.2. Chemical safety assessment:</b>	A chemical safety assessment has not been carried out.

### SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.  
The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.

#### Changes compared to the previous version

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#### Abbreviations and acronyms

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP:	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DMEL:	Derived Minimal Effect Level
DNEL:	Derived No-Effect Level
EC50:	The effective concentration of substance that causes 50% of the maximum response (Median Effective Concentration)
IATA:	International Air Transport Association

according to Regulation (EU) 2020/878

Date of issue: 28.02.2024

Revision date: - / Version/Replaced version: 1.0/-

Page 7/7

Printing date: 05.03.2024

### **Iso-Pro C - Separator Ceramic-Plaster**

IMDG:	"International Maritime Dangerous Goods Code" for the transport of dangerous goods by sea
LC50:	Lethal Concentration to 50 % of a test population (Median Lethal Concentration)
LD50:	Lethal Dose to 50% of a test population (Median Lethal Dose)
LOAEL:	No Observed Effect Concentration/Level
NOAEC/L:	Organisation for Economic Cooperation and Development
NOEC/L:	Persistent, Bioaccumulative and Toxic substance
OECD:	Predicted No-Effect Concentration
PBT:	Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
PNEC:	Safety Data Sheet
REACH:	Sewage Treatment Plant
SDB (SDS):	Unique Formula Identifier
STP:	Very Persistent and Very Bioaccumulative
vPvB:	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures