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

1.1. Product identifier

Product form:	Substance
Product name:	Iso-Pro C - Seperator for ceramic
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:	SILADENT Dr. Böhme & Schöps GmbH
Street / mailbox:	Im Klei 26
Country code. / postal code / city:	DE - 38644 Goslar
Phone:	+49 (0) 53 21 / 37 79 - 0
Fax:	+49 (0) 53 21 / 38 96 32
E-mail / Website:	info@siladent.de / www.siladent.de
Further information obtainable from:	SILADENT Dr. Böhme & Schöps GmbH

1.4 Emergency telephone number

SILADENT Dr. Böhme & Schöps GmbH:	+49 (0) 53 21 / 37 79 - 0 (Mon-Fri. 8 a.m. - 4 p.m.)

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 Not classified	100 %

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

anything by mouth to an unconscious person. Place the affected person in the recovery position.

First-aid measures after inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact: Take off contaminated clothing. Wash with plenty of soap and water.

First-aid measures after eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid measures after ingestion: Rinse mouth. Drink water as a precaution.

4.2. Most important symptoms and effects, both acute and delayed: Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Dry extinguishing powder. Foam. Carbon dioxide. Water spray.

Unsuitable extinguishing media: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard: Product is flammable.

Hazardous decomposition products in case of fire: Carbon monoxide. Carbon dioxide. Silicon oxides.

5.3. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Do not dispose of fire-fighting water in the environment.

Protection during firefighting: Use a self-contained breathing apparatus and also a protective suit.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Provide adequate ventilation. Use personal protective equipment as required.

For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel.

For emergency responders

Protective equipment: Wear personal protective equipment. Use self-contained breathing apparatus.

6.2. Environmental precautions: Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up: 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. Reference to other sections: Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Provide good ventilation in process area. Wear personal protective clothing.

Hygiene measures: 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. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and containers

Storage conditions: Store in original container. Keep container tightly closed. Store in a dry, cool and well-ventilated place.

Prohibitions on mixed storage: Keep away from food, drink and animal feedingstuffs.

7.3. Specific end use(s): No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Components with critical values that require monitoring at the workplace

No additional information available

8.2. Exposure controls

Appropriate engineering controls: Provide local exhaust or general room ventilation to minimize vapour concentrations.

Personal protective equipment

Eye protection: Wear safety glasses (EN 166).

Hand protection: 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.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Breathing apparatus with filter type A-P2.

Environmental exposure controls: Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid

Colour: Transparent

Odour:	No data available
Melting point/Freezing point:	No data available
Boiling point or initial boiling point and boiling range:	> 65 °C
Flammability:	Flammable.
Lower and upper explosion limit:	No data available
Flash point:	> 150 °C
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	No data available
Kinematic viscosity:	100 mm²/s (25 °C)
Solubility:	No data available
Partition coefficient n-octanol/water (log value):	Not applicable
Vapour pressure:	No data available
Density and/or relative density:	0.965
Relative vapour density:	No data available
Particle characteristics:	Not applicable

9.2. Other information

Explosive properties:	No explosive properties
Oxidising properties:	No oxidising properties

SECTION 10: Stability and reactivity

10.1. Reactivity: No dangerous reactions known under normal conditions of use.

10.2. Chemical stability: Stable under use and storage conditions as recommended in section 7.

10.3. Possibility of hazardous reactions: Reactive with strong oxidizing agents. When heated to temperatures of > 150 °C in the presence of air, small amounts of formaldehyde may be released.

10.4. Conditions to avoid: None known.

10.5. Incompatible materials: Oxidizing agents.

10.6. Hazardous decomposition products: 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

Acute toxicity: Not classified
Based on available data, the classification criteria are not met

Skin corrosion/irritation: Not classified
Based on available data, the classification criteria are not met

Serious eye damage/irritation: Not classified
Based on available data, the classification criteria are not met

Respiratory or skin sensitisation: Not classified
Based on available data, the classification criteria are not met

Germ cell mutagenicity:	Not classified Based on available data, the classification criteria are not met
Carcinogenicity:	Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure):	Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure):	Not classified Based on available data, the classification criteria are not met
Aspiration hazard:	Not classified Based on available data, the classification criteria are not met

11.2. Information on other hazards

Potential adverse human health effects and symptoms:	Based on available data, the classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity

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.
12.2. Persistence and degradability:	No additional information available
12.3. Bioaccumulative potential:	No additional information available
12.4. Mobility in soil:	No additional information available

12.5. Results of PBT and vPvB assessment

PBT:	Not applicable
vPvB:	Not applicable
12.6. Endocrine disrupting properties:	No additional information available
12.7. Other adverse effects:	No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste):	Dispose in a safe manner in accordance with local/national regulations.
Waste disposal recommendations:	Treat contaminated packaging like the product itself.
Waste code - used product:	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.

SECTION 14: Transport information

14.1. UN number or ID number

ADR, IMDG, IATA:	Not applicable

14.2. UN proper shipping name
ADR, IMDG, IATA: Not applicable

14.3. Transport hazard class(es)
ADR, IMDG, IATA: Not applicable

14.4. Packing group
ADR, IMDG, IATA: Not applicable

14.5. Environmental hazards
Dangerous for the environment: No
Marine pollutant: No
Other information: No additional information available

14.6. Special precautions for user: Not applicable

14.7. Maritime transport in bulk according to IMO instruments: Not applicable

SECTION 15: Regulatory information

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

EU-Regulations

Contains no substance on the REACH candidate list.
Contains no REACH Annex XIV substances.

National regulations

No additional information available

15.2. Chemical safety assessment: 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
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