

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

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## Seal Tech AC white 310ml

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

#### 1.1. Product identifier

Trade name/designation:

Seal Tech AC white 310ml

Article No.:

T567101

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

Use of the substance/mixture:

Casting material

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

Supplier:

**KANDO Service GmbH**

Hartleitnerstraße 3

4653 Eberstälzell

Austria

Telephone: +43 (0) 7241 213 79

E-mail: msds@kando.eu

#### 1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), Stubenring 6, 1010 Wien, 24h: 01 406 43 43, Montag - Freitag: 8 bis 16 Uhr, Tel.: 01 406 68 98 (keine medizinische Auskunft) (Only available during office hours.)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

**Hazard statements:** none

**Supplemental hazard information:** none

**Precautionary statements:** none

#### 2.3. Other hazards

**Other adverse effects:**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### SECTION 3: Composition/information on ingredients

#### \* 3.2. Mixtures

**Hazardous ingredients / Hazardous impurities / Stabilisers:**

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 31692-79-2 EC No.: 615-070-3	<b>Dimethyl Siloxane, Hydroxy-terminated</b> The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	> 65 weight-%
CAS No.: 14464-46-1 EC No.: 273-761-1	<b>Fumed Silica</b> Substance with a community workplace exposure limit.	10 weight-%

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### SECTION 4: First aid measures

#### \* 4.1. Description of first aid measures

**Following inhalation:**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a doctor if symptoms persist.

**In case of skin contact:**

Take off contaminated clothing and wash it before reuse. In case of contact with skin, wash off with plenty of soap and water. Consult a doctor if symptoms persist.

**After eye contact:**

Rinse opened eye for several minutes under running water. Consult a doctor if symptoms persist

**Following ingestion:**

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Never give anything by mouth to an unconscious person or a person with cramps.

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

See section 2 & 11

#### \* 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:**

Water spray jet, Dry extinguishing powder, Carbon dioxide, alcohol resistant foam  
Co-ordinate fire-fighting measures to the fire surroundings.

#### \* 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products may be formed at high temperatures, e.g.: Carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

**Hazardous combustion products:**

Gases or vapours harmful to health.

#### \* 5.3. Advice for firefighters

Evacuate uninvolved persons. In case of fire, wear self-contained breathing apparatus and full protective suit.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

**Personal precautions:**

Wear personal protection equipment (refer to section 8).  
Ventilate affected area. Avoid direct contact with the product. Chemical resistant protective gloves recommended for sensitive persons. Avoid breathing dust/fume/gas/mist/vapours/spray.

##### 6.1.2. For emergency responders

No data available

#### \* 6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not allow to enter drains/surface water/ground water.

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

**Other information:**

Absorb with liquid-binding material (sand, diatomaceous earth, acid binder, universal binder, sawdust).  
Contain in case of escape of larger quantities. Do not allow to enter the sewage system. Waste and containers must be disposed of in a safe manner. Collect in closed and suitable containers for disposal.

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### 6.4. Reference to other sections

See section 7 for further information on safe handling.

For further information on personal protective equipment: see section 8.

For further information on disposal: see section 13.

## SECTION 7: Handling and storage

### \* 7.1. Precautions for safe handling

#### Protective measures

##### Advices on safe handling:

The usual precautions when handling chemicals must be observed. Ensure good ventilation/extraction at the workplace. Wear personal protection equipment (refer to section 8). Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin, eyes and clothes. Wash thoroughly after use. Keep container tightly closed. When using do not eat, drink, smoke, sniff.

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

#### Requirements for storage rooms and vessels:

Keep container tightly closed in a cool, well-ventilated place. Store separately from food. Do not store together with oxidising agents. Avoid release to the environment.

### 7.3. Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### \* 8.1. Control parameters

#### 8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
MAK (AT)	<b>Fumed Silica</b> CAS No.: 14464-46-1 EC No.: 273-761-1	① 0.3 mg/m <sup>3</sup> ⑤ (alveolengängige Fraktion)
BOELV (EU) from 16 Jan 2018	<b>Fumed Silica</b> CAS No.: 14464-46-1 EC No.: 273-761-1	① 0.1 mg/m <sup>3</sup> ⑤ (respirable crystalline silica)
MAK (AT) from 2 Sept 2020	<b>Fumed Silica</b> CAS No.: 14464-46-1 EC No.: 273-761-1	① 0.05 mg/m <sup>3</sup> ⑤ (Siliciumdioxid) III C

#### 8.1.2. Biological limit values

No data available

#### 8.1.3. DNEL-/PNEC-values

No data available

### \* 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

General industrial hygiene practice

#### 8.2.2. Personal protection equipment

##### Eye/face protection:

Use face protection and safety goggles if there is an eye hazard. Use eye protection Storage Protection tested and approved in accordance with relevant national standards such as NIOSH (USA) or EN 166 (EU).

##### Skin protection:

Hand protection:

Work with chemical resistant gloves. Remove gloves properly Technique (without touching the outer surface of the glove) to avoid skin contact with this product.

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### Body protection:

Normal work clothing is sufficient. In case of liquid splashes, store in chemical-resistant transparent, black, white and grey, and colours for refrigeration. Keep container tightly closed in a dry and well-ventilated place. Store away from foodstuffs. Do not store together with strong oxidising agents. Equip storage area with protective equipment against accidental release. Complete suit. The type of protective equipment must be selected according to the concentration and quantity of the hazardous substance at the respective workplace.

### Respiratory protection:

Normally not required. If the risk assessment shows that air-purifying respirators are appropriate, use a full-face respirator with a multi-purpose combination filter (USA) or type ABEK (EN 14387) as a backup for technical measures. Use respirators and components that have been tested and approved to appropriate government standards such as NIOSH (USA) or CEN (EU).

### Other protection measures:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the working day.

### 8.2.3. Environmental exposure controls

No data available

## SECTION 9: Physical and chemical properties

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

#### Appearance

**Form:** Paste

**Colour:** various

**Odour:** Acetic acid

**flammability:** No data available

#### Safety relevant basis data

Parameter	Value	① Method ② Remark
pH	<i>not applicable</i>	② insoluble in: Water
Melting point	<i>No data available</i>	
Freezing point	<i>No data available</i>	
Initial boiling point and boiling range	<i>No data available</i>	
Flash point	<i>No data available</i>	
Evaporation rate	<i>No data available</i>	
Auto-ignition temperature	<i>No data available</i>	
Upper/lower flammability or explosive limits	<i>No data available</i>	
Vapour pressure	<i>No data available</i>	
Vapour density	<i>No data available</i>	
Density	<i>No data available</i>	
Bulk density	<i>not applicable</i>	
Water solubility	<i>No data available</i>	
Dynamic viscosity	<i>No data available</i>	
Kinematic viscosity	<i>No data available</i>	

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### \* 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

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### 10.3. Possibility of hazardous reactions

No hazardous reactions expected under normal conditions.

### 10.4. Conditions to avoid

Heat, Heat sources, open flames

### \* 10.5. Incompatible materials

strong oxidants

### \* 10.6. Hazardous decomposition products

No data available

### Further information

Decomposition products in case of fire: see section 5.

## SECTION 11: Toxicological information

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

#### Skin corrosion/irritation:

Based on available data, the classification criteria are not met.  
Improper use may cause irritation.

#### Serious eye damage/irritation:

Based on available data, the classification criteria are not met.  
Improper use may cause irritation.

#### Respiratory or skin sensitisation:

No sensitising effect known.  
Harmful if swallowed.

#### Germ cell mutagenicity:

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

#### Carcinogenicity:

None of the components of this product are classified as carcinogenic by IARC, NTP.

#### Reproductive toxicity:

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

#### STOT-single exposure:

There are no known effects on human health.

#### Aspiration hazard:

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

### 11.2. Information on other hazards

No data available

## SECTION 12: Ecological information

### \* 12.1. Toxicity

No data available

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

No data available

### \* 12.4. Mobility in soil

No data available

### \* 12.5. Results of PBT and vPvB assessment

<b>Dimethyl Siloxane, Hydroxy-terminated</b>	CAS No.: 31692-79-2	EC No.: 615-070-3
<b>Results of PBT and vPvB assessment: —</b>		
<b>Fumed Silica</b>	CAS No.: 14464-46-1	EC No.: 273-761-1
<b>Results of PBT and vPvB assessment: —</b>		

The product does not meet the PBT/vPvB criteria.

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- \* **12.6. Endocrine disrupting properties**  
Do not allow to enter drains/surface water/ground water.
- \* **12.7. Other adverse effects**  
water hazard class 0

## SECTION 13: Disposal considerations

- \* **13.1. Waste treatment methods**  
Reuse (recycling) is preferable to disposal. Dispose of waste according to applicable legislation.  
**Waste treatment options**  
**Appropriate disposal / Package:**  
Dispose of waste according to applicable legislation.

## SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN number or ID number</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.2. UN proper shipping name</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.3. Transport hazard class(es)</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.4. Packing group</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.5. Environmental hazards</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.6. Special precautions for user</b>			
not relevant	not relevant	not relevant	not relevant

- \* **14.7. Maritime transport in bulk according to IMO instruments**  
No data available

## SECTION 15: Regulatory information

- \* **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - 15.1.1. EU legislation**  
**Restrictions on use:**  
Directive 2012/18/EU  
Named dangerous substances - ANNEX I: None of the ingredients are included.  
Substances of Very High Concern (SVHC) according to REACH, Article 57: None of the ingredients are included.  
REACH Regulation Annex XVII Restriction: None of the ingredients are included.  
Annex XIV - List of substances subject to authorisation: None of the ingredients are included.
  - 15.1.2. National regulations**  
No data available
- 15.2. Chemical Safety Assessment**  
A chemical safety assessment has not been carried out.

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### SECTION 16: Other information

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10.5.	Incompatible materials
10.6.	Hazardous decomposition products
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12.1.	Toxicity
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13.1.	Waste treatment methods
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture
16.1.	Indication of changes
16.2.	Abbreviations and acronyms

#### \* 16.2. Abbreviations and acronyms

AC	Article Category
ACGIH	American Conference of Governmental Industrial Hygienists
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
CEN	Comité Européen de Normalisation
CLP	Classification, Labelling and Packaging
DNEL	derived no-effect level
EN	European Standard
ES	Exposure scenario
IARC	International Agency for Research on Cancer
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
KG	body weight
MAK	Maximum concentration in the workplace air (CH)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
NTP	National Toxicology Program
OSHA	Occupational Safety & Health Administration
PBT	persistent and bioaccumulative and toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals

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RID Dangerous goods regulations for transport by rail  
TRGS Technische Regeln für Gefahrstoffe  
UN United Nations

### 16.3. Key literature references and sources for data

No data available

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

### 16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

No data available

### 16.6. Training advice

No data available

### 16.7. Additional information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-mentioned supplier nor its subsidiaries assume any liability with regard to the correctness or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.

\* Data changed compared with the previous version.