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 Eberstalzell
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

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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	**Dimethyl Siloxane, Hydroxy-terminated** 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	**Fumed Silica** Substance with a community workplace exposure limit.	10 weight-%

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.

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)	**Fumed Silica** CAS No.: 14464-46-1 EC No.: 273-761-1	① 0.3 mg/m³ ⑤ (alveolengängige Fraktion)
BOELV (EU) from 16 Jan 2018	**Fumed Silica** CAS No.: 14464-46-1 EC No.: 273-761-1	① 0.1 mg/m³ ⑤ (respirable crystalline silica)
MAK (AT) from 2 Sept 2020	**Fumed Silica** CAS No.: 14464-46-1 EC No.: 273-761-1	① 0.05 mg/m³ 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.

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

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

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.

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10.2. Chemical stability
The product is stable under storage at normal ambient temperatures.

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**

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

The product does not meet the PBT/vPvB criteria.

* **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)
14.1. UN number or ID number			
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.
14.2. UN proper shipping name			
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.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
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.

SECTION 16: Other information

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16.1. Indication of changes

3.2.	Mixtures
4.1.	Description of first aid measures
4.2.	Most important symptoms and effects, both acute and delayed
5.1.	Extinguishing media
5.2.	Special hazards arising from the substance or mixture
5.3.	Advice for firefighters
6.1.	Personal precautions, protective equipment and emergency procedures
6.2.	Environmental precautions
6.3.	Methods and material for containment and cleaning up
7.1.	Precautions for safe handling
7.2.	Conditions for safe storage, including any incompatibilities
8.1.	Control parameters
8.2.	Exposure controls
9.1.	Information on basic physical and chemical properties
10.2.	Chemical stability
10.5.	Incompatible materials
10.6.	Hazardous decomposition products
11.1.	Information on hazard classes as defined in Regulation (EC) No 1272/2008
12.1.	Toxicity
12.4.	Mobility in soil
12.5.	Results of PBT and vPvB assessment
12.6.	Endocrine disrupting properties
12.7.	Other adverse effects
13.1.	Waste treatment methods
14.8.	Additional information
15.3.	Additional information
16.1.	Indication of changes

Limit value / limit values updated: SI

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
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.