

SAFETY DATA SHEET

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

Revision date: 30 Jan 2025

Print date: 30 Jan 2025

Version: 3



Page 1/8

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.

SAFETY DATA SHEET

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

Revision date: 30 Jan 2025

Print date: 30 Jan 2025

Version: 3

Page 2/8



Seal Tech AC white 310ml

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.: 1336-21-6 EC No.: 215-647-6 Index No.: 007-001-01-2 REACH No.: 01-2119488876-14	ammonia, aqueous solution Aquatic Acute 1 (H400), Eye Dam. 1 (H318), STOT SE 3 (H335), Skin Corr. 1B (H314) Danger Specific concentration limit (SCL) STOT SE 3; H335: C ≥ 5% Acute Toxicity Estimate ATE (oral) 350 mg/kg ATE (dermal) ≥ 5,000 mg/kg ATE (inhalation, vapour) ≥ 50 mg/L	0.1 - 1 Vol-%

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

When in doubt or if symptoms are observed, get medical advice. Make safety data sheet available to the doctor.

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:

Rinse skin with water. Consult a doctor if symptoms persist.

After eye contact:

Remove contact lenses, if present and easy to do. Continue rinsing. Consult a doctor if symptoms persist.

Following ingestion:

Rinse mouth. Never give anything by mouth to an unconscious person or a person with cramps. Consult a doctor if symptoms persist.

4.2. Most important symptoms and effects, both acute and delayed

General information: The severity of the symptoms described varies depending on the concentration and duration of exposure. Inhalation: Prolonged or repeated exposure may cause the following adverse effects: Slightly irritant. Ingestion: May cause discomfort if swallowed. Nausea, vomiting. Skin contact: No specific symptoms known. Eye contact: May be mildly irritating to eyes. Redness. Itching.

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:

The product is not flammable.
Foam, Carbon dioxide, Dry extinguishing powder, Water mist
Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media:

Water jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:

Gases or vapours harmful to health.

SAFETY DATA SHEET

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

Revision date: 30 Jan 2025

Print date: 30 Jan 2025

Version: 3



Page 3/8

Seal Tech AC white 310ml

5.3. Advice for firefighters

Protective measures during firefighting: Avoid inhalation of fire gases or fumes. Clear the surrounding area. Cool containers exposed to heat with water spray and remove from fire area if safe to do so. If leaked or spilled material has not ignited, use water mist to disperse vapours and protect workers.

Special protective equipment for fire fighters: Wear self-contained breathing apparatus operating in positive pressure mode (SCBA) and suitable protective clothing. Firefighters' clothing complying with European standard EN469 (including helmet, protective boots and protective gloves) will provide minimum protection in case of accidents with chemicals.

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). Avoid generation and spread of dust. Avoid contact with eyes and skin.

6.1.2. For emergency responders

No data available

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Other information:

Products should be reused or recycled whenever possible. Pick up powder with special hoovers with particle filters or carefully place in suitable well-sealed waste containers. Flush contaminated areas with very large amounts of water. Wash thoroughly after working on leaks. Dispose of contents/container in accordance with national regulations.

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:

Ensure good ventilation/extraction at the workplace. Wear personal protection equipment (refer to section 8). Avoid generation and spread of dust. Avoid breathing dust/mist. Avoid contact with skin, eyes and clothes.

Advices on general occupational hygiene

Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:

Keep away from food, drink and animal feed.

Further information on storage conditions:

Keep only in the original container in a cool, well-ventilated place. Protect from sunlight.

7.3. Specific end use(s)

Recommendation:

No further relevant information available.

SAFETY DATA SHEET

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

Revision date: 30 Jan 2025

Print date: 30 Jan 2025

Version: 3



Page 4/8

Seal Tech AC white 310ml

SECTION 8: Exposure controls/personal protection

* 8.1. Control parameters

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Provide adequate ventilation. Shower facilities must be available near the workplace.

8.2.2. Personal protection equipment



Eye/face protection:

Suitable eye protection: Safety goggles (EN 166)

Skin protection:

Hand protection:

Chemical resistant protective gloves (EN ISO 374).

Respiratory protection:

Provide adequate ventilation. In case of inadequate ventilation wear respiratory protection.

Filter P2, Filter P3

Other protection measures:

Do not eat, drink or smoke when using this product. Use protective skin cream before handling the product.

8.2.3. Environmental exposure controls

Store in confined water-protected area to prevent release into drains and / or water bodies.

8.3. Additional information

No further relevant information available.

SECTION 9: Physical and chemical properties

* 9.1. Information on basic physical and chemical properties

Appearance

Form: pasty

Colour: white

Odour: characteristic

flammability: No data available

Safety relevant basis data

Parameter	Value	① Method ② Remark
pH	3.5 - 5	
Initial boiling point and boiling range	No data available	
Flash point	24 °C	
Evaporation rate	No data available	
Vapour pressure	No data available	
Water solubility	No data available	

9.2. Other information

No further relevant information 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.

SAFETY DATA SHEET

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

Revision date: 30 Jan 2025

Print date: 30 Jan 2025

Version: 3



Page 5/8

Seal Tech AC white 310ml

The product starts to decompose at temperatures above 147°C. Thermal decomposition depends on time and temperature.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Avoid high temperatures or direct sunlight.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Does not decompose if used and stored according to recommendations. Thermal decomposition or combustion products may contain the following substances: Harmful gases or vapours.

SECTION 11: Toxicological information

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

ammonia, aqueous solution	CAS No.: 1336-21-6	EC No.: 215-647-6
LD₅₀ oral: 350 mg/kg (Rat)		
LD₅₀ dermal: ≥5,000 mg/kg (Rabbit)		
LC₅₀ Acute inhalation toxicity (vapour): ≥50 mg/L 4 h (Rat)		

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

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.

Respiratory or skin sensitisation:

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

Germ cell mutagenicity:

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

Carcinogenicity:

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

Reproductive toxicity:

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

STOT-single exposure:

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

STOT-repeated exposure:

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

Aspiration hazard:

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

11.2. Information on other hazards

Endocrine disrupting properties:

None of the ingredients are included.

SAFETY DATA SHEET

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

Revision date: 30 Jan 2025

Print date: 30 Jan 2025

Version: 3

Page 6/8



Seal Tech AC white 310ml

SECTION 12: Ecological information

* 12.1. Toxicity

ammonia, aqueous solution CAS No.: 1336-21-6 EC No.: 215-647-6

LC₅₀: 0.89 mg/L (fish)

EC₅₀: 110 mg/L (crustaceans, Daphnia)

Aquatic toxicity:

0,1 < L(E)C50 ≤ 1

Assessment/classification:

Not considered hazardous to the environment. However, large or frequent releases may have hazardous effects on the environment.

12.2. Persistence and degradability

Biodegradation:

No data available.

12.3. Bioaccumulative potential

Bioconcentration factor (BCF):

No further relevant information available.

Accumulation / Evaluation:

No indication of bioaccumulation potential.

12.4. Mobility in soil

The product is insoluble in water and spreads on the water surface.

12.5. Results of PBT and vPvB assessment

ammonia, aqueous solution CAS No.: 1336-21-6 EC No.: 215-647-6

Results of PBT and vPvB assessment: —

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

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No further relevant information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste generation should be avoided or minimised wherever possible. Disposal of this product and its solutions and by-products must at all times be carried out in compliance with environmental protection requirements and waste disposal legislation and the requirements of local authorities. be carried out. Dispose of surpluses and products not suitable for recycling via a recognised waste disposal company. Do not discharge waste untreated into the sewerage system unless all applicable regulations of the authorities are complied with.

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.

SAFETY DATA SHEET

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

Revision date: 30 Jan 2025

Print date: 30 Jan 2025

Version: 3



Page 7/8

Seal Tech AC white 310ml

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
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

Authorisations:

Regulation (CLP) No. 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, as amended. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), as amended.

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

16.1. Indication of changes

3.2.	Mixtures
8.1.	Control parameters
9.1.	Information on basic physical and chemical properties
12.1.	Toxicity
14.3.	Transport hazard class(es)
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
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DNEL	derived no-effect level
EC ₅₀	Effective Concentration 50%
EN	European Standard
ES	Exposure scenario
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization

SAFETY DATA SHEET

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

Revision date: 30 Jan 2025

Print date: 30 Jan 2025

Version: 3



Page 8/8

Seal Tech AC white 310ml

LC ₅₀	Lethal (fatal) Concentration 50%
LD ₅₀	Lethal (fatal) Dose 50%
MAK	Maximum concentration in the workplace air (CH)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
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
SCL	Specific concentration limit
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

Hazard statements	
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.

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.