

## Safety data sheet

according to Regulation (EC) No 1907/2006



# TECACORE PW

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## 1. Identification of the substance/mixture and of the company/undertaking

**Product identifier:**

TECACORE PW V01 natural

**Relevant identified uses of the substance or mixture:**

Processing aids

**Details of the supplier of the safety data sheet:**

Ensinger Composites Schweiz GmbH

Libernstraße 24

CH - 8112 Otelfingen

Schweiz

Tel. +41 43 538 23 78

www.ensingerplastics.com

**Competent person:**

sdb@ensingerplastics.com

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## 2. Hazards identification

**Classification of the substance or mixture according to Regulation (EC) No 1272/2008 (CLP/GHS):**

The product is not classified as hazardous.

**Label elements:**

The mixture is not subject to specific labelling in accordance with GHS criteria.

**Other hazards:**

The product does not contain substances at levels of 0.1% or higher that are classified as PBT or vPvB.

The product does not contain any components at levels of 0.1% or higher that exhibit endocrine disrupting properties.

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## 3. Composition/information on ingredients

**Description:**

Sodium chloride, NaCl (CAS No 7647-14-5).

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## 4. First aid measures

### After inhalation:

Provide fresh air. In case of complaints, consult a doctor.

### After skin contact:

Rinse skin with water.

### After eye contact:

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. If irritation develops, seek medical attention.

### After ingestion:

Rinse mouth with water. If you feel unwell, consult a doctor.

### Most important symptoms and effects, both acute and delayed:

No hazard is expected under intended use and appropriate handling.

### Indication of any immediate medical attention and special treatment needed:

No special measures necessary.

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## 5. Firefighting measures

### Suitable extinguishing media:

Water spray, alcohol-resistant foam, carbon dioxide, dry chemical foam.

### Unsuitable extinguishing media:

Water jet.

### Special hazards arising from the substance or mixture:

The substance is not flammable.

### Advice for firefighters:

Fight fire with usual precautions from a reasonable distance. Wear self-contained breathing apparatus.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures:

No special measures necessary.

### Environmental precautions:

Do not allow large quantities to enter surface waters or drains.

### Methods and material for containment and cleaning up:

Mechanical cleaning up.

Avoid dust formation. Rinse with water

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### **7. Handling and storage**

**Precautions for safe handling:**

General industrial hygiene regulations are to be observed.  
Wash hands before breaks and at the end of workday.  
Food should not be kept in the workplace.  
Do not eat, drink or smoke in the work area.

**Conditions for safe storage, including any incompatibilities:**

Keep cool and dry in a firmly closed container.

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### **8. Exposure controls/personal protection**

**Control parameters:**

Substances with working place related, limits to be monitored or with biological limits are not contained.

**Exposure controls:**

The type and extent of use (risk assessment) determine the choice of protective measures.  
Technical measures have priority over personal protective equipment.

**Respiratory protection:**

The working area should be well ventilated.  
Wear protective breathing apparatus in case of dust exposure and/or insufficient ventilation (e.g. DIN EN 143 type FFP1/FFP2).

**Eye/face protection:**

Tightly sealed safety goggles according to EN 166.

**Hand protection/skin protection:**

Working with gloves is recommended.  
Suitable materials for safety gloves (EB 374):  
Nitrile rubber - NBR; thickness  $\geq 0,11$  mm.  
Use preventive skin protection (barrier cream containing tanning agent).

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### 9. Physical and chemical properties

**Appearance:**

solid (powder)

**Melting point/Melting range:**

801 °C

**Bulk density:**

0,8 g/cm<sup>3</sup>

**Flash point:**

N/A (solid)

**Flammability (solid, gas):**

N/A

**Vapour pressure:**

N/A (solid)

**Solubility(ies):**

359 g/l (20 °C)

**Auto-ignition temperature:**

N/A

**Viscosity:**

N/A (solid)

**Oxidising properties:**

N/A

**Other information:**

Grain size range 0,01 - 0,15 mm

**Odour/odour threshold:**

odourless

**Initial boiling point and Boiling range:**

> 1450 °C

**pH (20 °C):**

7 - 9,5

**Evaporation rate:**

N/A

**Upper/lower flammability or explosive limits:**

N/A

**Vapour density:**

N/A

**Partition coefficient: n-octanol/water:**

N/A (inorganic substance)

**Decomposition temperature:**

N/A

**Explosive properties:**

non-explosive

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## 10. Stability and reactivity

### Reactivity:

Not reactiv under normal conditions.

### Chemical stability:

Product is stable. No hazardous reactions known when stored and handled according to instructions and used for its intended purpose.

### Possibility of hazardous reactions:

No hazardous reactions known when stored and handled according to instructions.

### Conditions to avoid:

There are no known conditions to be specifically avoided.

### Incompatible materials:

None known.

### Hazardous decomposition products:

No decomposition when handled according to instructions.

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## 11. Toxicological information

### Acute toxicity:

The substance is not classified as acutely toxic.

LD50 oral rat: 3.000 mg/kg;

LD50 dermal rabbit: >10.000 mg/kg

### Chronic toxicity:

Based on available data, the classification criteria are not met

### Other information:

None

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### 12. Ecological information

**Toxicity:**

Data about ecological effects are not available for this product.

**Persistence and degradability:**

No data available.

**Bioaccumulation potential and mobility in soil:**

No data available.

**Results of the PBT and vPvB assessment:**

The product does not fulfil the criteria for classification as PBT or vPvB.

**Other adverse effects:**

no data available.

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### 13. Disposal considerations

**Waste treatment methods:**

Product residues can be disposed of in accordance with national, state and local regulations.

**European waste catalogue:**

The unpolluted product has no dangerous properties and is therefore not a hazardous waste within the meaning of regulation on the European List of wastes.

**Waste codes/waste identification:**

The exact waste code must be carried out source- and use-related.

**Packaging:**

Uncontaminated or cleaned packaging can be recycled without verification.

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## 14. Transport information

Not classified as dangerous in the meaning of transport regulations.

**UN number:**

Not applicable.

**UN proper shipping name:**

Not applicable.

**Transport hazard class(es):**

Not applicable.

**Packing group:**

Not applicable.

**Environmental hazards:**

Not applicable.

**Special precautions for user:**

No special precautions.

**Transport in bulk according to Annex II of Marpol and the IBC Code:**

Not applicable.

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## 15. Regulatory information

**Safety, health and environmental regulations/legislation specific:**

No safety data sheet according to Article 31 of REACH is required for this product.

We expressly point out that the present safety data sheet is a voluntary information sheet for the safe handling of mixtures, which has been prepared in accordance with the format of the safety data sheet according to Annex II of the REACH Regulation.

**EU regulations:**

The substance is not subject to registration under Regulation (EC) No 1907/2006 (REACH).

**Chemical safety assessment:**

A chemical safety assessment has not been carried out.

**National regulations:**

Water hazard class (Germany): 1 (Kenn-Nr. 270)

Storage class TRGS 510 (Germany): 13 (non-flammable solid materials)

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### **16. Other information**

**The full text of hazard statements:**

No H-phrases listed in the document.

**Indication of changes:**

First issue, status as of 05/23.

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Our information and statements reflect the current state of our knowledge and shall inform about our products and their applications. They do not assure or guarantee chemical resistance, quality of products and their merchantability in a legally binding way. Our products are not defined for use in medical or dental implants. Existing commercial patents have to be observed. The corresponding values and information are no minimum or maximum values, but guideline values. They do not represent guaranteed properly values and therefore they must not be used for specification purposes. The customer is solely responsible for the quality and suitability of products for the application and has to test usage and processing prior to use. It is the user`s responsibility to ensure that existing legislation and regulation are followed.