

# Safety Data Sheet

## SkamoSteel S-1100E, SkamoSteel S-1100E WR, SkamoSteel S-Isol, SkamoSteel S-Isol WR

Replaces date: 10/21/2021

Revision date: 11/7/2023  
Version: 1.3.0

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

#### 1.1. Product identifier

**Trade name:** SkamoSteel S-1100E, SkamoSteel S-1100E WR, SkamoSteel S-Isol, SkamoSteel S-Isol WR

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

**Recommended uses:** Technical insulation.

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

##### Supplier

**Company:** Skamol Group  
**Address:** Hasselager Centervej 1  
**Zip code:** 8260  
**City:** Viby J  
**Country:** DENMARK  
**E-mail:** info@skamol.com  
**Phone:** +45 97 72 15 33

#### 1.4. Emergency Telephone Number

+45 97 72 15 33 (Skamol Group)

### SECTION 2: Hazards identification

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

**CLP-classification:** The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

**Most serious harmful effects:** Handling of the product causes risk of dust formation, which may irritate nose and throat. May cause slight irritation to the skin and eyes.

#### 2.2. Label elements

The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

#### 2.3. Other hazards

The product does not contain any PBT or vPvB substances. Endocrine disrupting properties: None known.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Contains no substances subject to reporting requirements.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**Inhalation:** Seek fresh air, wash out mouth with water and blow nose thoroughly. Seek medical advice in case of persistent discomfort.

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|                      |   |
|----------------------|---|
| <b>Ingestion:</b>    | Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort. |
| <b>Skin contact:</b> | Remove contaminated clothing. Wash the skin with water. Seek medical advice in case of persistent discomfort.                 |
| <b>Eye contact:</b>  | Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.    |
| <b>General:</b>      | When obtaining medical advice, show the safety data sheet or label.   |

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

Inhalation of dust may cause irritation to the upper airways. May cause slight irritation to the skin and eyes.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptoms. No special immediate treatment required.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media:** The product is not directly flammable. Choose extinguishing agents based on the surrounding fire. Use water or water mist to cool non-ignited stock.

**Unsuitable extinguishing media:** Do not use water stream, as it may spread the fire.

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

The product is not directly flammable. Avoid inhalation of vapour and fumes - seek fresh air.

### 5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel:** Provide good ventilation. Wear safety goggles if there is a risk of dust contact with eyes.

**For emergency responders:** In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

### 6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

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

Sweep up/collect spills for possible reuse or transfer to suitable waste containers.

### 6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

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

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The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc.

### 7.3. Specific end use(s)

None. See the technical data sheet for specific use instructions.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Occupational exposure limit:** Contains no substances subject to reporting requirements.

**Measuring methods:** Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

**Legal basis:** Commission Directive 2000/39/EC (Occupational Exposure Limits) as subsequently amended. Last amended by Commission Directive 2019/1831/EU. Directive 2004/37/EC (Exposure to carcinogens or mutagens at work) as subsequently amended. Last amended by Directive 2022/431/EU. Resolution 2019/2182(INL) (Protecting workers from asbestos) as subsequently amended. Last amended by resolution 2022/C 184/03.

### 8.2. Exposure controls

**Appropriate engineering controls:** Wear the personal protective equipment specified below. Work processes where generation of dust may occur must be performed under effective process ventilation (e.g. local exhaust ventilation).

**Personal protective equipment, eye/face protection:** Wear safety goggles if there is a risk of dust contact with eyes. Eye protection must conform to EN 166.

**Personal protective equipment, hand protection:** Plastic or rubber gloves recommended.

**Personal protective equipment, respiratory protection:** Wear respiratory protective equipment with P2 filter when performing dusty work. Respiratory protection must conform to one of the following standards: EN 136/140/145.

**Environmental exposure controls:** Ensure compliance with local regulations for emissions.

## SECTION 9: Physical and chemical properties

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

| Parameter  | Value/unit                     |
|------------|--------------------------------|
| State      | Porous board.                  |
| Colour     | No data                        |
| Odour      | No data                        |
| Solubility | Solubility in water: Insoluble |

| Parameter                               | Value/unit | Remarks |
|---|------------|---------|
| Odour threshold                         | No data    |         |
| Melting point                           | 1345 °C    |         |
| Freezing point                          | No data    |         |
| Initial boiling point and boiling range | No data    |         |
| Flammability (solid, gas)               | No data    |         |
| Flammability limits                     | No data    |         |
| Explosion limits                        | No data    |         |
| Flash Point                             | No data    |         |
| Auto-ignition temperature               | No data    |         |
| Decomposition temperature               | No data    |         |

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|                                       |             |  |
|---------------------------------------|-------------|--|
| pH (solution for use)                 | No data     |  |
| pH (concentrate)                      | No data     |  |
| Kinematic viscosity                   | No data     |  |
| Viscosity                             | No data     |  |
| Partition coefficient n-octanol/water | No data     |  |
| Vapour pressure                       | No data     |  |
| Density                               | No data     |  |
| Relative density                      | 2.30 - 2.90 |  |
| Vapour density                        | No data     |  |
| Relative density (sat. air)           | No data     |  |
| Particle characteristics              | No data     |  |

### 9.2. Other information

**Other Information:** None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Not reactive.

### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

None known.

## SECTION 11: Toxicological information

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

|   |  |
|---|--|
| <b>Acute toxicity - oral:</b>             | Ingestion of large quantities may cause discomfort. The product does not have to be classified. Test data are not available. |
| <b>Acute toxicity - dermal:</b>           | The product does not have to be classified. Test data are not available.   |
| <b>Acute toxicity - inhalation:</b>       | The product does not have to be classified. Test data are not available.   |
| <b>Skin corrosion/irritation:</b>         | May irritate the skin - may cause reddening. The product does not have to be classified. Test data are not available.        |
| <b>Serious eye damage/eye irritation:</b> | Temporary irritation. The product does not have to be classified. Test data are not available.                               |

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| <b>Respiratory sensitisation or skin sensitisation:</b> | The product does not have to be classified. Test data are not available.   |
| <b>Germ cell mutagenicity:</b>                          | The product does not have to be classified. Test data are not available.   |
| <b>Carcinogenic properties:</b>                         | The product does not have to be classified. Test data are not available.   |
| <b>Reproductive toxicity:</b>                           | The product does not have to be classified. Test data are not available.   |
| <b>Single STOT exposure:</b>                            | Inhalation of dust may cause irritation to the upper airways. The product does not have to be classified. Test data are not available. |
| <b>Repeated STOT exposure:</b>                          | The product does not have to be classified. Test data are not available.   |
| <b>Aspiration hazard:</b>                               | The product does not have to be classified. Test data are not available.   |

### 11.2. Information on other hazards

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**Endocrine disrupting properties:** No known data.

**Other toxicological effects:** None known.

## SECTION 12: Ecological information

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### 12.1. Toxicity

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The product does not have to be classified. Test data are not available.

### 12.2. Persistence and degradability

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Test data are not available.

### 12.3. Bioaccumulative potential

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Test data are not available.

### 12.4. Mobility in soil

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Test data are not available.

### 12.5. Results of PBT and vPvB assessment

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The product does not contain any PBT or vPvB substances.

### 12.6. Endocrine disrupting properties

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No known data.

### 12.7. Other adverse effects

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None known.

## SECTION 13: Disposal considerations

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### 13.1. Waste treatment methods

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Avoid unnecessary release to the environment. If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste (Dir. 2008/98/EU). Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

EWC code: Depends on line of business and use, for instance 17 06 04 insulation materials other than those mentioned in 17





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