

Safety Data Sheet

SkamoAlu Barrier LE, SkamoAlu V-1100 (375), SkamoAlu V-1100 (475), SkamoAlu V-1100 (510), SkamoAlu V-1100 (600), SkamoAlu V-1100 USW, SkamoAlu Vip 12, SkamoAlu Vip 900, SkamoAlu Vip 1250

SECTION 1: Identification

1.1. Product identifier

Trade name: SkamoAlu Barrier LE, SkamoAlu V-1100 (375), SkamoAlu V-1100 (475), SkamoAlu V-1100 (510), SkamoAlu V-1100 (600), SkamoAlu V-1100 USW, SkamoAlu Vip 12, SkamoAlu Vip 900, SkamoAlu Vip 1250

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: Hazard(s) identification

2.1. Classification of the substance or mixture

HazCom 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

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

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| | |
|----------------------|---|
| Inhalation: | Seek fresh air, wash out mouth with water and blow nose thoroughly. Seek medical advice in case of persistent discomfort. |
| Ingestion: | Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort. |
| Skin contact: | Remove contaminated clothing. Wash the skin with water. Seek medical advice in case of persistent discomfort. |
| Eye contact: | Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist. |
| General: | Bring the safety data sheet or label when seeking medical advice. |

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: Fire-fighting 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 a jet of water, 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 vapor and smoke gases - seek fresh air.

5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapor and smoke 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: Wear gloves. Wear safety goggles if there is a risk of dust contact with eyes.

For emergency responders: In addition to the above: Normal protective clothing 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

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Work processes where generation of dust may occur, must be performed under effective process ventilation (e.g. local exhaust ventilation). 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

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)

No special uses in addition to identified uses in 1.2. See the technical data sheet for specific use instructions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

| Substance name | Time period | ppm | mg/m ³ | fiber/cm ³ | Remarks | Notations |
|----------------|-------------|-----|-------------------|-----------------------|---|-----------|
| Mineral dust | - | | 15 | | OSHA: Inert or Nuisance Dust, Total dust | |
| Mineral dust | - | | 5 | | OSHA: Inert or Nuisance Dust, Respirable fraction | |
| Mineral dust | - | | 10 | | ACGIH: Particles Not Otherwise Specified (PNOS), Inhalable particles | |
| Mineral dust | - | | 3 | | ACGIH: Particles Not Otherwise Specified (PNOS), Respirable particles | |

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

Legal basis: ACGIH Threshold Limit Values (TLV's) and Biological Exposure Indices (BEI's), 2022. OSHA 29 CFR part 1910.1000, table Z1-Z3, Limits for Air Contaminants 2006.

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of dust contact with eyes.

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.

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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 |
|----------------|---------------|
| physical state | Porous board. |
| Colour | Beige |
| Odour | No data |
| Solubility | No data |

| Parameter | Value/unit | Remarks |
|---|------------|---------|
| Odour threshold | No data | |
| Melting point | 1300 °C | 2372 °F |
| Freezing point | No data | |
| Initial boiling point and boiling range | No data | |
| Flammability (solid, gas) | No data | |
| Upper/lower flammability limits | No data | |
| Explosion limits | No data | |
| Flash Point | No data | |
| Auto-ignition temperature | No data | |
| Decomposition temperature | No data | |
| 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 | No data | |
| Vapor density | No data | |
| Relative density (sat. air) | No data | |
| Particle characteristics | No data | |

9.2. Other information

Other Information: Bulk density: 475-1200 g/ml

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.

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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 toxicological effects

| | |
|---|--|
| Acute toxicity - oral: | Ingestion of large quantities may cause discomfort. The product does not have to be classified. Test data are not available. |
| Acute toxicity - dermal: | The product does not have to be classified. Test data are not available. |
| Acute toxicity - inhalation: | The product does not have to be classified. Test data are not available. |
| Skin corrosion/irritation: | May irritate the skin - may cause reddening. The product does not have to be classified. Test data are not available. |
| Serious eye damage/eye irritation: | Temporary irritation. The product does not have to be classified. Test data are not available. |
| Respiratory sensitisation or skin sensitisation: | The product does not have to be classified. Test data are not available. |
| Germ cell mutagenicity: | The product does not have to be classified. Test data are not available. |
| Carcinogenic properties: | This product does not contain any carcinogens or potential carcinogens at reportable quantities as listed by OSHA, IARC or NTP. The product does not have to be classified. Test data are not available. |
| Reproductive toxicity: | The product does not have to be classified. Test data are not available. |
| Single STOT exposure: | Inhalation of dust may cause irritation to the upper airways. The product does not have to be classified. Test data are not available. |
| Repeated STOT exposure: | The product does not have to be classified. Test data are not available. |
| Aspiration hazard: | The product does not have to be classified. Test data are not available. |

11.2. Information on other hazards

Endocrine disrupting properties: No known data.

Other toxicological effects: None known.

SECTION 12: Ecological information

12.1. Toxicity

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

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12.2. Persistence and degradability

Test data are not available.

12.3. Bioaccumulative potential

Test data are not available.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

No known data.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water. If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

SECTION 14: Transport information

14.1. UN number or ID number: Not applicable.

14.2. UN proper shipping name: Not applicable.

14.3. Transport hazard class(es): Not applicable.

14.4. Packing group: Not applicable.

14.5. Environmental hazards: Not applicable.

14.6. Special precautions for user

None.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Special Provisions: None.

Proposition 65

Chemicals known to cause cancer: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity: None of the ingredients are listed.

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SARA

Section 302: None of the ingredients are on the inventory.
Section 313: None of the ingredients are on the inventory.
Section 311/312: Not included
TSCA: All ingredients are on the inventory or exempt from listing.
CERCLA: None of the ingredients are on the inventory.

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Version history and indication of changes

| Version | Revision date | Responsible | Changes |
|---------|---------------|------------------------|------------|
| 1.3.0 | 4/21/2022 | Bureau Veritas HSE/JST | 9,11,12,16 |

Abbreviations: PBT: Persistent, Bioaccumulative and Toxic
 STOT: Specific Target Organ Toxicity
 vPvB: Very Persistent and Very Bioaccumulative

Other Information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with CFR29, §1910.1200.

Training advice: A thorough knowledge of this safety data sheet should be a prerequisite condition.

Revision date: 4/21/2022

Replaces date: 1/25/2021

Classification method: Calculation based on the hazards of the known components.

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