

Safety data sheet

Issue date: 13-06-2017
Version: 01.00/EU

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

1.1. Product identifier

Trade name: SkamoWall Adhesive

Item number: 672009

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

Recommended uses: Glue/adhesive

1.3. Details of the supplier of the safety data sheet

Supplier: Skamol A/S
Østergade 58
7900 Nykøbing Mors
Denmark
Tel: +45 97721533
Fax: +45 97724975
Email: insulation@skamol.dk
WWW: www.skamol.com

1.4. Emergency telephone number

+45 97721533 (Skamol A/S)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification (Regulation (EC) No 1272/2008): Eye Dam. 1; H318 Skin Irrit. 2; H315 STOT SE 3; H335 Skin Sens. 1; H317

Please see section 16 for the full text of H-phrases.

Most serious harmful effects: Causes serious eye damage. Causes skin irritation. May cause respiratory irritation. May cause an allergic skin reaction.
Corrosive when mixed.

2.2. Label elements



Signal word: Danger

Contains: Portland Cement; Calcium hydroxide

H-phrases: Causes serious eye damage.(H318)
Causes skin irritation.(H315)
May cause respiratory irritation.(H335)
May cause an allergic skin reaction.(H317)

P-phrases: If medical advice is needed, have product container or label at hand.(P101)
Keep out of reach of children.(P102)

Wear protective gloves/protective clothing/eye protection/face protection.(P280)
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.(P305/351/338)
 Immediately call a POISON CENTER/doctor.(P310-a)
 Dispose of contents/container in accordance with local regulation.(P501-A)

Supplemental information: Contains a reducing agent which reduces soluble chromium VI. The reducing agent is active when stored in a dry place for 12 months after the stated packing date. When stored in moist conditions, e.g. on construction sites, the chromate neutralisation will wear off. Packing that has been opened should be closed tightly after use, and the product should be used as soon as possible.

2.3. Other hazards

(PBT/vPvB) No assessment required, as the product contains inorganic matter only.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| Registration number | CAS/EC No. | Substance | CLP-classification (Regulation (EC) No 1272/2008) | w/w% | Note |
|---------------------|--------------|------------------------|---|------|------|
| . | 14808-60-7-B | Quartz, not respirable | - | <70 | . |
| . | 238-878-4 | . | - | . | . |
| . | 65997-15-1-E | Portland Cement | Eye Dam. 1; H318 Skin Irrit. 2, H315 | <30 | . |
| . | 266-043-4 | . | STOT SE 3; H335 Skin Sens. 1;H317 | . | . |
| . | . | . | . | . | . |
| . | 1305-62-0-J | Calcium hydroxide | Eye Dam. 1; H318 Skin Irrit 2; H315 | <5 | . |
| . | 215-137-3 | . | STOT SE 3; H335 | . | . |
| . | . | . | . | . | . |

Please see section 16 for the full text of H-phrases.

Other information: Any letters after the CAS number refer to individual data sets.

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.

Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Do not induce vomiting. Seek medical advice in case of persistent discomfort.

Skin: Remove contaminated clothing. Wash the skin thoroughly with water and continue washing for a long time. Seek medical advice in case of persistent discomfort.

Eyes: Open eye wide, remove any contact lenses and flush immediately with water (preferably using eye wash equipment). Seek medical advice immediately. Continue flushing until medical attention is obtained.

Other information: 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 is irritating to the upper airways. Irritating to skin – may cause reddening. Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight. May cause sensitization by skin contact. Symptoms include reddening, swelling, blistering and ulceration – often slowly developing.

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.

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

Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where

personal (close) contact is likely. Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air .

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Stay upwind/keep distance from source. Wear gloves. In case of insufficient ventilation, wear respiratory protective equipment. Wear safety goggles.

For emergency responders: In addition to the above: Chemical protective suit equivalent to EN 943-2 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. Wipe up minor spills with a damp cloth.

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

Use the product under well-ventilated conditions. 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

Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Store in a cool, dry place.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits:

| Ingredient: | Exposure limit | Notation |
|-------------------|--|----------|
| Calcium hydroxide | – (8h), – (15m) ppm 5 (8h), – (15m) mg/m ³ | - |

Legal basis: Commission Directive 2000/39/EC (Occupational Exposure Limits) as subsequently amended. Last amended by Commission Directive 2017/164/EU.

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

DNEL values: 1305-62-0-J:
General population: Inhalation DNEL (long-term exposure - local effects), 1 mg/m³.
Inhalation DMEL (long-term exposure - local effects), 4 mg/m³.

PNEC values: 1305-62-0-J:
PNEC aqua (freshwater) 490 µg/l.
PNEC soil 1080 mg/l.

8.2. Exposure controls

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

Personal protective equipment, eye/face protection: Wear safety goggles/face protection. Eye protection must conform to EN 166.

Personal protective equipment, skin protection: Wear gloves. Type of material: Nitrile rubber. Breakthrough time has not been determined for the product. Change gloves often. Gloves must conform to EN 374. Wear overalls.

Personal protective equipment, respiratory protection: In case of insufficient ventilation, wear respiratory protective equipment with P2 filter. 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

| | |
|--|-------------------------------|
| State: | Powder |
| Colour: | White |
| Odour: | Odourless |
| Odour threshold: | No data |
| pH (solution for use): | Aqueous solution 11 - 13 |
| pH (concentrate): | No data |
| Melting point/freezing point: | No data |
| Initial boiling point and boiling range: | > 1000 °C |
| Flash point: | No data |
| Evaporation rate: | No data |
| Flammability (solid, gas): | No data |
| Upper/lower flammability limits: | No data |
| Upper/lower explosive limits: | No data |
| Vapour pressure: | No data |
| Vapour density: | No data |
| Relative density: | 1,40 - 1,70 g/cm ³ |
| Solubility: | 0,1 - 1,5 g/l |
| Partition coefficient n-octanol/water: | No data |
| Auto-ignition temperature: | No data |
| Decomposition temperature: | No data |
| Viscosity: | No data |
| Explosive properties: | Non-explosive |
| Oxidising properties: | No data |

9.2. Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: Acids/ Metals/ Ammonium salts. The content of chrome reducing agents will decrease with time.

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

Acids/ Metals/ Ammonium salts.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral: The product does not have to be classified . Based on existing data, the classification criteria are deemed not to have been met.

1305-62-0-J: Rat: LD50 = >2000 mg/kg

Acute toxicity - dermal: The product does not have to be classified . Based on existing data, the classification criteria are deemed not to have been met.

1305-62-0-J: Rabbit: LD50 = >2500 mg/kg

Acute toxicity - inhalation: The product does not have to be classified . Test data are not available.

Skin corrosion/irritation: Irritating to skin – may cause reddening . Corrosive when mixed.

Serious eye damage/eye irritation: Strongly irritating to the eyes, causing reddening and increased tear production . May cause serious eye damage. Corrosive when mixed.

| | |
|--|--|
| Respiratory sensitisation or skin sensitisation: | May cause sensitization by skin contact. Symptoms include reddening, swelling, blistering and ulceration – often slowly developing. |
| Germ cell mutagenicity: | The product does not have to be classified. Test data are not available. |
| Carcinogenic properties: | 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 is irritating to the upper airways. If ingested, can be irritating to mucous membranes of the mouth and gastrointestinal tract. |
| 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. |
| 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.

12.2. Persistence and degradability

Non-biodegradable.

12.3. Bioaccumulative potential

No bioaccumulation expected.

12.4. Mobility in soil

Hardens to a firm, non-mobile mass.

12.5. Results of PBT and vPvB assessment

(PBT/vPvB) No assessment required, as the product contains inorganic matter only.

12.6. Other adverse effects

The product affects the pH value of the local aquatic environment.

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 meets the criteria of a hazardous waste (Dir. 2008/98/EU). Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

EWC code: Depends on line of business and use, for instance 17 01 06*mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances

Hardened cement is non-hazardous waste. Contact the local authorities for instructions on handling. Use the below code for waste registration.

EWC code: Depends on line of business and use, for instance 17 01 07 mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06

Uncleansed packaging is to be disposed of via the local waste -removal scheme.

SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods.

14.1. UN number

-

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

-

14.4. Packing group

14.5. Environmental hazards -

14.6. Special precautions for user -

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code -

SECTION 15: Regulatory information

Covered by: Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work

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

Special provisions:

Only for use in the period when the water-soluble chromate level is below 2 mg/kg dry cement. The product is comprised by Regulation 1907/2006/EC, Annex XVII concerning restrictions. Special care should be applied for employees under the age of 18. Young people under the age of 18 may not carry out any work causing harmful exposure to this product .

15.2. Chemical safety assessment

Chemical safety assessment has not been performed .

SECTION 16: Other information

Abbreviation explanations:

PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative
STOT: Specific Target Organ Toxicity
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration

Classification method:

Calculation based on the hazards of the known components .

H-phrases:

H315 Causes skin irritation .
H317 May cause an allergic skin reaction .
H318 Causes serious eye damage .
H335 May cause respiratory irritation .

Training:

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

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 1907/2006/EC (REACH) as subsequently changed .