According to EC-Regulation 1907/2006 (REACH)

SAFETY DATA SHEET

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

1.1. Product identifier

<table>
<thead>
<tr>
<th>Trade name</th>
<th>Bitumix seal 2k komp A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product no.</td>
<td>-</td>
</tr>
<tr>
<td>REACH registration number</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Relevant identified uses of the substance or mixture</th>
<th>For sealing cracks and joints in asphalt and pavement</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Uses advised against</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>The full text of any mentioned and identified use categories are given in section 16</td>
<td></td>
</tr>
</tbody>
</table>

1.3. Details of the supplier of the safety data sheet

<table>
<thead>
<tr>
<th>Company and address</th>
<th>Bitusal Danmark</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Åmosevej 80, Skellingsted</td>
</tr>
<tr>
<td></td>
<td>4440 Mørkøv</td>
</tr>
<tr>
<td></td>
<td>DK</td>
</tr>
<tr>
<td></td>
<td>CVR 36684062</td>
</tr>
<tr>
<td></td>
<td>Tlf: +45 56 26 82 06</td>
</tr>
<tr>
<td>Contact person</td>
<td>Bjarme Poulsen</td>
</tr>
<tr>
<td>E-mail</td>
<td><a href="mailto:info@bitusal.com">info@bitusal.com</a></td>
</tr>
<tr>
<td>SDS date</td>
<td>16-10-2015</td>
</tr>
<tr>
<td>SDS Version</td>
<td>1.0</td>
</tr>
</tbody>
</table>

1.4. Emergency telephone number

| Use your national or local emergency number | See section 4 “First aid measures” |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| This product is not classified as dangerous. | See full text of H-phrases in section 2.2. |

2.2. Label elements

<table>
<thead>
<tr>
<th>Hazard pictogram(s)</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signal word</td>
<td>-</td>
</tr>
<tr>
<td>Hazard statement(s)</td>
<td>-</td>
</tr>
</tbody>
</table>
According to EC-Regulation 1907/2006 (REACH)

2.3. Other hazards

Additional labelling
Safety data sheet available on request. (EUH210)

Additional warnings

VOC

SECTION 3: Composition/information on ingredients

3.1/3.2. Substances/Mixtures

Does not contain any substances you are obligated to report

(*) See full text of H-phrases in chapter 16. Occupational exposure limits are listed in section 8, if these are available.

Other informations

ATEmix(inhale, vapour) > 20
ATEmix(dermal) > 2000
ATEmix(oral) > 2000

SECTION 4: First aid measures

4.1. Description of first aid measures

General information
In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor, if in doubt about the injured person’s condition or if the symptoms continue. Never give an unconscious person water or similar.

Inhalation
Get the person into fresh air and stay with them.

Skin contact
Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact
Remove contact lenses. Flush eyes immediately with plenty of water or salt water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

Ingestion
Give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take this safety data sheet or the label from the product with you. Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat.

Burns
Not applicable

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

No special
4.3. Indication of any immediate medical attention and special treatment needed

No special

Information to medics
Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Water jets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture
No special

5.3. Advice for firefighters
Wear self-contained breathing apparatus and protective clothing to prevent contact.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
No specific requirements.

6.2. Environmental precautions
No specific requirements.

6.3. Methods and material for containment and cleaning up
Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

6.4. Reference to other sections
See section on "Disposal considerations " with regard to the handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
See section on 'Exposure controls/personal protection' for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities
Always store in containers of the same material as the original.

Storage temperature
No data available.

7.3. Specific end use(s)
This product should only be used for applications described in Section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL
No substances listed.

DNEL / PNEC
No data available.

8.2. Exposure controls
No control is necessary if the product is used in a normal way.

General recommendations
Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom.

Exposure scenarios
If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.
According to EC-Regulation 1907/2006 (REACH)

Exposure limits
There are no maximum exposure limits for the substances contained in this product.

Appropriate technical measures
Take ordinary precautions when using the product. Avoid inhalation of gas or dust.

Hygiene measures
Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face.

Measures to avoid environmental exposure
No specific requirements.

Individual protection measures, such as personal protective equipment

- Generally
  Use only CE marked protective equipment.

Respiratory Equipment
No specific requirements.

Skin protection
No specific requirements.

Hand protection
No specific requirements.

Eye protection
No specific requirements.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Form</th>
<th>Colour</th>
<th>Odour</th>
<th>pH</th>
<th>Viscosity (mPa.s)</th>
<th>Density (g/cm3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>5000</td>
<td>1.4</td>
</tr>
</tbody>
</table>

Phase changes
- Melting point (°C)
- Boiling point (°C)
- 170

Data on fire and explosion hazards
- Flashpoint (°C)
- Ignition (°C)
- Self ignition (°C)
- >200
- -
- Explosion limits (Vol %)
- Oxidizing properties
- -

Solubility
- Solubility in water
- Soluble
- n-octanol/water coefficient
- -

9.2. Other information
- Solubility in fat
- Additional information
- N/A

SECTION 10: Stability and reactivity

10.1. Reactivity
No data available

10.2. Chemical stability
The product is stable under the conditions, noted in the section on “Handling and storage”.

10.3. Possibility of hazardous reactions
No special

10.4. Conditions to avoid
Do not expose to heat (e.g. sunlight), because it can lead to excess pressure.

10.5. Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reductants agents.

10.6. Hazardous decomposition products
The product is not degraded when used as specified in section 1.
SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th>Substance</th>
<th>Species</th>
<th>Test</th>
<th>Route of exposure</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>No data available.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>No data available.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>No data available.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>No data available.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>No data available.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>No data available.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>No data available.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>No data available.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>No data available.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Long term effects</td>
<td>No special</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 12: Ecological information

12.1. Toxicity

<table>
<thead>
<tr>
<th>Substance</th>
<th>Species</th>
<th>Test</th>
<th>Test duration</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

<table>
<thead>
<tr>
<th>Substance</th>
<th>Biodegradability</th>
<th>Test</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Substance</th>
<th>Potential bioaccumulation</th>
<th>LogPow</th>
<th>BFC</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No special

SECTION 13: Disposal considerations

13.1. Waste treatment methods

This product is not covered by the regulations on dangerous waste.

Waste

- EWC code
- Specific labelling

Contaminated packing

No specific requirements.
According to EC-Regulation 1907/2006 (REACH)

SECTION 14: Transport information

Not listed as dangerous goods under ADR and IMDG regulations.

14.1 – 14.4
ADR/RID

14.1. UN number
14.2. UN proper shipping name
14.3. Transport hazard class(es)
14.4. Packing group
Notes
Tunnel restriction code

IMDG
UN-no.
Proper Shipping Name
Class
PG*
EmS
MP**
Hazardous constituent

IATA/ICAO
UN-no.
Proper Shipping Name
Class
PG*

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
No data available

(*) Packing group
(**) Marine pollutant

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Restrictions for application
Demands for specific education
Additional information

Sources
EC Regulation 1272/2008 (CLP).
EC regulation 1907/2006 (REACH).

15.2. Chemical safety assessment
No
SECTION 16: Other information

- Full text of H-phrases as mentioned in section 3
- The full text of identified uses as mentioned in section 1
- Other symbols mentioned in section 2
- Other
  - It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
  - The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
  - A change (in proportion to the last essential change (first cipher in SDS version)) is marked with a blue triangle.

The safety data sheet is validated by
  - AW/ CHYMEIA

Date of last essential change
(First cipher in SDS version)

Date of last minor change
(Last cipher in SDS version)