

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 26.01.2012

Revision: 26.01.2012

**1 Identification of the substance/mixture and of the company/undertaking**

- **Product identifier**
- **Trade name** **BOTAMENT BM 92 Winter (Komponente A)**
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation** *Bitumen high build coating*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** *BOTAMENT Systembaustoffe  
Am Kruppwald 1  
D-46238 Bottrop*  
  
*Tel.: ++49(0)2041 101-90  
Fax.: ++49(0)2041 101-988*
- **Informing department:** *Product safety department.  
msds@botament.com*
- **Emergency telephone number:** *Tel.: ++49(0)178 310 10 43*

**2 Hazards identification**

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008** *The product is not classified according to the CLP regulation.*
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** *void*
- **Information concerning particular hazards for human and environment:** *void*
- **Classification system:** *The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.*
- **Label elements**
- **Labelling according to EU guidelines:** *Observe the normal safety regulations when handling chemicals  
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).*
- **Special labelling of certain preparations:** *Safety data sheet available for professional user on request.*
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

**3 Composition/information on ingredients**

- **Chemical characterization: Mixtures**
- **Description:** *Mixture of the substances listed below with harmless additions.*

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**· Dangerous components:**

CAS: 107-21-1	ethane-1,2-diol	Xn R22	<3%
EINECS: 203-473-3		Acute Tox. 4, H302	

**4 First aid measures**

- **Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Void
- **After skin contact** The product is not skin irritating.
- **After eye contact** Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing** Rinse out mouth and then drink plenty of water. Seek medical treatment.
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

**5 Firefighting measures**

- **Extinguishing media**
- **Suitable extinguishing agents** Void
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

**6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Dilute with much water.
- **Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections** No dangerous materials are released.

**7 Handling and storage**

- **Handling**
- **Precautions for safe handling** No special measures required.

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- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

**8 Exposure controls/personal protection**

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

· **Components with critical values that require monitoring at the workplace:**

**8052-42-4 Asphalt (25-50%)**

WEL () Short-term value: 10 mg/m<sup>3</sup>  
Long-term value: 5 mg/m<sup>3</sup>

**107-21-1 ethane-1,2-diol (<3%)**

WEL () Short-term value: 104\*\* mg/m<sup>3</sup>, 40\*\* ppm  
Long-term value: 10\* 52\*\* mg/m<sup>3</sup>, 20\*\* ppm  
Sk \*particulate \*\*vapour

- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures** The usual precautionary measures should be adhered to in handling the chemicals.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Penetration time of glove material** The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

**9 Physical and chemical properties**

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
  - Form: Fluid
  - Colour: Black
- **Smell:** Characteristic

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- |   |  |
|---|--|
| · <b>Change in condition</b><br><b>Melting point/Melting range:</b> Not determined<br><b>Boiling point/Boiling range:</b> 100°C |  |
| · <b>Flash point:</b>   | Not applicable                             |
| · <b>Self-inflammability:</b>   | Product is not selfigniting.               |
| · <b>Danger of explosion:</b>   | Product is not explosive.                  |
| · <b>Steam pressure at 20°C:</b>  | 23 hPa                                     |
| · <b>Density at 20°C</b>  | 1.08 g/cm <sup>3</sup>                     |
| · <b>Solubility in / Miscibility with Water:</b>  | Fully miscible                             |
| · <b>Other information</b>  | No further relevant information available. |

\* **10 Stability and reactivity**

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known

**11 Toxicological information**

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:** The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

\* **12 Ecological information**

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.

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- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

**13 Disposal considerations**

- **Waste treatment methods**
- **Recommendation** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Waste disposal key number:** 54407  
Bez.: Bitumenemulsionen  
 Entsorgungshinweise:  
 Sonderabfallverbrennung  
 Mischungen aus Pulver und Flüssigkeit können als Baustellenabfälle entsorgt werden.
- **Uncleaned packagings:**
- **Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.  
 Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

**14 Transport information**

- |                                     |      |
|-------------------------------------|------|
| · <b>UN-Number</b>                  | Void |
| · <b>ADR, ADN, IMDG, IATA</b>       | Void |
| · <b>UN proper shipping name</b>    | Void |
| · <b>ADR, ADN, IMDG, IATA</b>       | Void |
| · <b>Transport hazard class(es)</b> | Void |
| · <b>ADR, ADN, IMDG, IATA</b>       | Void |
| · <b>Class</b>                      | Void |
| · <b>Packing group</b>              | Void |
| · <b>ADR, IMDG, IATA</b>            | Void |
| · <b>Environmental hazards:</b>     | No   |
| · <b>Marine pollutant:</b>          | No   |

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