

SAFETY SHEET No. 43a

waterproof levelling layer BETAFORM[®] H01

(according to regulation (ES) 1907/2006 (REACH).)

Printed on:

Issued: 1st May 2004

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Revision: 20th February 2010

Version: 0.7

1. Identification of material / substance and the company / enterprise

- 1.1 Business name for the substance: **BETAFORM[®] H01**
CAS number, ES number (EINECS): **Not assigned**
Other names for the substance: **Not indicated**
- 1.2 Recommended use: **Building material – waterproof substance for concrete foundations / dry component**
- 1.3 Identification of the producer:
Name or business name: **STOMIX, spol. s r.o.**
Place of business or registered office: **790 66 Skorošice 197, CZ**
Identification number: **Company ID number (IČO): 48400874**
Telephone: **+420 584 484 111**
Fax: **+420 584 484 112**
E-mail: **zichova@stomix.cz**
Emergency telephone number: **+420 584 484 131**
- 1.4 Telephone number for emergencies: **+420 224 919 293, +420 224 915 402, +420 224 914 571**
Toxicological information centre, Na Bojišti 1,128 08 Prague 2, CZ

2. Risk identification

- 2.1. Overall classification of material or substance: **The product is not classified as an irritant pursuant to Act No. 356/2003 Coll., on chemical materials and chemical substances and the valid EU legislation.**
- 2.2. The most serious and harmful effects to the health of a person. **It contains materials which, during application, may damage the skin or irritate mucosa - particularly for sensitive persons.**
- 2.3. The most serious harmful effects to the environment when using the material: **Undetected.**
- 2.4. A warning symbol showing the risk is not used. **The classification is stated in Chapter 15.**

3. Composition / information about components

The product contains the following hazardous materials:

Chemical name	Content in (%)	CAS number	Warning symbol of the risk
Scar of the Portland cement	15-25	65997-15-1	Xi
		266-43-4	R 36/37/38-43,
		266-43-5	S 2-22-26-36/37/39

4. First aid instructions

- 4.1 General instructions: **In the case of health problems or in the case of any problems, contact a doctor.**
- 4.2 When breathing: **Ensure a supply of fresh air, if problems continue then contact a doctor.**
- 4.3 In the case of contact with skin: **Remove any contaminated clothes, wash the skin with soap and water and treat the affected area with a suitable repair cream.**
- 4.4 If affecting the eyes: **Rinse the eyes with clean water for a minimum of 15 minutes and then contact a doctor.**
- 4.5 In the case of ingestion: **Drink a minimum of half a litre of drinking water, do not invoke vomiting and call for medical assistance.**
- 4.6 Further data: **If any signs of irritation, due to contact with the product, will worsen, immediately call for medical assistance.**

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5. Measures during the liquidation of fire

- | | | |
|-----|---|--|
| 5.1 | Recommended extinguishing agents: | Water fog, splitting of water, foam and powder chemicals. |
| 5.2 | Not-recommended extinguishing agents: | Permanent water stream |
| 5.3 | Special risk: | Undetected. |
| 5.4 | Special protective means for extinguishers: | Protective cloth. |
| 5.5 | Other data: | The product is fire proof. |

6. Measures in the case of accidental escape

- | | | |
|-----|---|--|
| 6.1 | Safe precautions for protection of persons: | It is necessary to prevent contact with eyes. |
| 6.2 | Safe precautions for protection of the environment: | It is necessary to prevent uncontrolled escape into sewerage pipes. |
| 6.3 | Recommended methods of cleaning and removing: | Mechanical collection. |
| 6.4 | Other data: | After contact with water and hardening, it is possible to liquidate as the others waste (catalogue no 170101 - Concrete). |

7. Handling and storage

- | | | |
|-----|----------------------------|--|
| 7.1 | Instructions for handling: | Handling of the product according to technological manual no. 43
Special measures – none. |
| 7.2 | Instructions for storage: | Store in dry places and protect against moisture and water.
Special requirements – none. |

8. Restriction of exposure / personal protective means

- | | | |
|-----|---|---|
| 8.1 | Limit values: | Permitted exposition limit (concentration) for cement (PEL_C) - 10 mg/m³. |
| 8.2 | Technical measures: | Ensure perfect ventilation in the workplace. |
| 8.3 | Personal protective means: | |
| | Protection of respiration organs: | Not necessary, if PEL_C is kept. |
| | Protection of eyes: | Protective glasses |
| | Protection of hands: | Protective gloves |
| | Protection of skin: | Protective cloth |
| 8.4 | Other data: | Personal working means must be kept in usable conditions and if damaged the working means must be replaced immediately. During the work it is not permitted to eat, drink or smoke. After the work it is necessary to wash hands with water and soap and to treat with reparation cream. |
| 8.5 | Restriction of exposition of the environment: | Data is not available. |

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9. Physical and chemical properties

State of matter:	Solid material - powder
Colour:	Grey
Odour (scent):	Without odour
pH value:	Only after contact with water pH 11 - 13.5
Temperature (range of temperature) melting (°C):	Data is not available
Temperature (range of temperature) of boiling (°C):	Data is not available
Inflammation point °C	Data is not available
Flammability:	Fire-proof
Pyrophoricity:	Not determined
Limits of flammability: upper limit (% vol.):	Data is not available
lower limit (% vol):	Data is not available
Oxidation properties:	Data is not available
Vapour tension (at °C):	Data is not available
Density (at 20°C):	1550 kg/m³
Solubility (at 20°C):	
- in water	1.5 g/l
- in fats (including specification of oil)	Data is not available
Dividing coefficient n-octanol/water:	Data is not available
Viscosity:	Data is not available
Density of vapours:	Data is not available
Speed of evaporation:	Data is not available
Other data:	Data taken form report of the producer

10. Stability and reactivity

10.1	Conditions under which the material/substance is stable:	Data is not available
10.2	Conditions which must be prevented:	Data is not available
10.3	Substances and materials with which the product must not be in contact:	Data is not available
10.4	Hazardous degradation product:	Data is not available

11. Toxicological information

Acute toxicity:	
LD ₅₀ oral, rat (mg. kg ⁻¹):	Data is not available
LD ₅₀ dermaly, rat or rabbit (mg. kg ⁻¹):	Data is not available
LD ₅₀ inhalation, rat, for aerosols or particles (mg. kg ⁻¹):	Data is not available
LC ₅₀ inhalation, rat, for gases and vapours (mg. kg ⁻¹):	Data is not available
Sub-chronic – chronic toxicity	Data is not available
Sensibility	Risk of origination of sensibility for very sensitive persons in the case of long contact with skin.
Carcinogenicity:	Data is not available
Mutagenesis:	Data is not available
Toxicity for reproduction	Data is not available
Specific effect of human being	The product has the character of irrigation substance in the form of dust and after contact with water it irritates eyes, respiratory organs and skin.
Other information:	Not indicated

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12. Ecological information

Acute toxicity:

LC₅₀, 96 hour., fish (mg. l⁻¹): **Data is not available**

EC₅₀, 48 hours, daphnia (mg. l⁻¹): **Data is not available**

IC₅₀, 72 hours, algae (mg. l⁻¹): **Data is not available**

Mobility of the material or components of the substance: **Data is not available**

Persistence and decomposability: **Data is not available**

Bio-accumulating potential: **Data is not available**

Toxicity for other environment: **Data is not available**

CHSK: **Data is not available**

BSK₅: **Data is not available**

Other data: **Ecotoxic effects may be reflected only in the case of escape of a large volume and consequent solution of substance in water – increase of pH values**

13. Instructions for removing

13.1 Manner of removing of material/substance: **After catching in dry condition the product can be used again. In the case of hardening, liquidate as another waste (170101 - Concrete).**

13.2 Manner of liquidation of contaminated packages: **Liquidate as the other wastes (150101 – Paper and cardboard packages).**

13.3 Legal regulations: **Act No. 185/2001 Coll., on wastes, as amended.**

13.4 Other data: **Not indicated.**

14. Transport information

Inland transport, air, water transport, marine transport: **Not indicated.**

Notes: **Not indicated.**

Further data: **Pursuant to Section § 22 par. 1 of Act No. 111/1994 Coll., on road transport, the product is not hazardous item and is not the subject of European Agreement on road transport of hazardous items (ADR) or provisions of the Order for international railway transport of hazardous goods (RID).**

15. Information regarding regulations

Legal regulations related to the material/substance: **The product is not classified as a hazardous material/substance pursuant to Act No. 356/2003 Coll., on chemical materials and chemical substances and on the change of some acts, as amended by later regulations and the valid EU legislation. Processed in accordance with EC Regulation 1907/2006**



R phrases:

R 36/37/38 Irrigating to eyes, respiratory system and skin.

R43 May cause sensitisation by skin contact

S phrases:

S 2 Keep out of the reach of children

S 22 Do not breathe dust

S 26 In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection

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16. Other information

- 16.1 Declaration: **The Safety Sheet contains data necessary to ensure safety and protection of health during work and protection of the environment. The mentioned data corresponds to the existing status of knowledge and experience and is in accordance with valid legal regulations. The data cannot be considered a guarantee for suitability and usability of the product for concrete applications. Information about product properties and its use is mentioned in the product technical sheet. This revision cancels the validity of all previous revisions of the Safety Sheet.**
- Changes from review: **Change the BL header - a reference to valid legislation**
- 16.2 Relevant R phrases: **R 36/37/38 - Irritating to eyes, respiratory system and skin
R 43 - May cause sensitisation by skin contact**